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# **Material Disposal Area P Site Closure Certification Report, Revision 1**

**Volume 2 of 2**



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Prepared by  
Environmental Stewardship Division–  
Environmental Remediation and Surveillance Program

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**Table B.8.0-2**  
**Analytical Results of All Soil and Tuff Samples**



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Aluminum	14400	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Antimony	1.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Arsenic	3.8	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Barium	52.6	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Cadmium	0.13	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Calcium	2050	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chromium	7.9	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Cobalt	4.4	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Copper	22.8	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	HMX	0.33	-	mg/kg	UJ
16-20105	0816-01-0027	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Iron	15300	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Lead	24.2	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Magnesium	2020	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Manganese	123	-	mg/kg	J-
16-20105	0816-01-0027	0-1	QBT 4	Mercury	0.046	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nickel	10.3	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Potassium	1510	-	mg/kg	None
16-20105	0816-01-0027	0-1	QBT 4	Pyrene	2.1	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Silver	0.34	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Sodium	377	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Thallium	1.2	-	mg/kg	J
16-20105	0816-01-0027	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20105	0816-01-0027	0-1	QBT 4	Vanadium	11.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20105	0816-01-0027	0-1	QBT 4	Zinc	35.2	-	mg/kg	J-
16-20287	0816-01-0028	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Aluminum	6020	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Aniline	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Barium	13.7	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Beryllium	0.59	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Cadmium	0.083	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Calcium	1280	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chromium	4.8	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Chrysene	0.44	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20287	0816-01-0028	0-1	QBT 4	Cobalt	0.63	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Copper	3.3	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	HMX	0.33	-	mg/kg	UJ
16-20287	0816-01-0028	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Iron	9780	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Lead	3.5	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Magnesium	950	-	mg/kg	None
16-20287	0816-01-0028	0-1	QBT 4	Manganese	48	-	mg/kg	J-
16-20287	0816-01-0028	0-1	QBT 4	Mercury	0.022	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20287	0816-01-0028	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nickel	2.9	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Potassium	549	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Pyrene	2.1	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Selenium	0.46	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Silver	0.041	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Sodium	183	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Thallium	0.018	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20287	0816-01-0028	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20287	0816-01-0028	0-1	QBT 4	Vanadium	4.3	-	mg/kg	J
16-20287	0816-01-0028	0-1	QBT 4	Zinc	25.8	-	mg/kg	J-
16-20274	0816-01-0029	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Aluminum	7310	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Antimony	0.96	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Barium	85.7	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Beryllium	0.65	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Cadmium	0.077	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Calcium	1230	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Chromium	5.1	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20274	0816-01-0029	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Copper	16.2	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	HMX	0.31	-	mg/kg	UJ
16-20274	0816-01-0029	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Iron	10600	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Lead	19.4	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Magnesium	1100	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Manganese	191	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20274	0816-01-0029	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nickel	7.2	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Potassium	863	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Pyrene	2	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	RDX	0.1	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Selenium	0.44	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Silver	0.092	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Sodium	352	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Thallium	0.7	-	mg/kg	J
16-20274	0816-01-0029	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20274	0816-01-0029	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20274	0816-01-0029	0-1	QBT 4	Vanadium	0.78	-	mg/kg	None
16-20274	0816-01-0029	0-1	QBT 4	Zinc	32.1	-	mg/kg	J-
16-20389	0816-01-0030	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Aluminum	3670	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Aniline	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Antimony	1.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Arsenic	0.21	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Barium	25.2	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Beryllium	0.7	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Cadmium	0.084	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Calcium	978	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chromium	4.9	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20389	0816-01-0030	0-1	QBT 4	Chromium hexavalent ion	0.54	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Copper	3.1	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	HMX	0.33	-	mg/kg	UJ
16-20389	0816-01-0030	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Iron	8610	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Lead	2.5	-	mg/kg	None
16-20389	0816-01-0030	0-1	QBT 4	Magnesium	802	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20389	0816-01-0030	0-1	QBT 4	Manganese	219	-	mg/kg	J-
16-20389	0816-01-0030	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Potassium	556	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Pyrene	2.1	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	RDX	0.31	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Silver	0.042	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Sodium	294	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Thallium	0.015	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20389	0816-01-0030	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20389	0816-01-0030	0-1	QBT 4	Vanadium	4.6	-	mg/kg	J
16-20389	0816-01-0030	0-1	QBT 4	Zinc	29.6	-	mg/kg	J-
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Aluminum	2890	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Barium	30.9	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Beryllium	0.48	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Calcium	944	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Chromium	4.1	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	HMX	0.32	-	mg/kg	UJ
16-20273	0816-01-0031	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Iron	8720	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Lead	10	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Magnesium	664	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Manganese	266	-	mg/kg	J-
16-20273	0816-01-0031	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nickel	2.6	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Perchlorate	0.00925	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Potassium	551	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Sodium	331	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Thallium	0.15	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Vanadium	3	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Zinc	33.4	-	mg/kg	J-
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Aluminum	6130	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Antimony	0.99	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Barium	21.5	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Calcium	1130	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chromium	5.1	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Cobalt	1	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Copper	4	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	HMX	0.31	-	mg/kg	UJ
16-20273	0816-01-0032	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Iron	10200	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Lead	13.2	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Magnesium	1150	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Manganese	207	-	mg/kg	J-
16-20273	0816-01-0032	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Perchlorate	0.00913	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Potassium	843	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Selenium	0.74	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Sodium	282	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Vanadium	5	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Zinc	37.2	-	mg/kg	J-
16-20306	0816-01-0033	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Aluminum	6080	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.62	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.82	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Antimony	0.86	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Arsenic	0.86	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Barium	1310	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Cadmium	0.18	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Calcium	1610	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20306	0816-01-0033	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chromium	5.9	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Copper	19.4	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	HMX	10	-	mg/kg	J-



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20306	0816-01-0033	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Iron	9200	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Lead	22.2	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Magnesium	921	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Manganese	201	-	mg/kg	J-
16-20306	0816-01-0033	0-1	QBT 4	Mercury	0.027	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nickel	5.1	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Potassium	978	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Pyrene	1.7	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	RDX	22	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Selenium	0.34	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Silver	0.72	-	mg/kg	J
16-20306	0816-01-0033	0-1	QBT 4	Sodium	468	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20306	0816-01-0033	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20306	0816-01-0033	0-1	QBT 4	Trinitrotoluene[2,4,6-]	1.2	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Vanadium	6.4	-	mg/kg	None
16-20306	0816-01-0033	0-1	QBT 4	Zinc	59.5	-	mg/kg	J-
16-20307	0816-01-0034	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Aluminum	3290	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Antimony	0.87	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Arsenic	0.12	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Barium	428	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Beryllium	0.52	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Cadmium	0.069	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Calcium	890	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20307	0816-01-0034	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chromium	5.2	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Copper	25.5	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20307	0816-01-0034	0-1	QBT 4	HMX	0.28	-	mg/kg	UJ
16-20307	0816-01-0034	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Iron	8730	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Lead	5.2	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Magnesium	610	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Manganese	213	-	mg/kg	J-
16-20307	0816-01-0034	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nickel	7.3	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Potassium	831	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Pyrene	1.8	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	RDX	0.15	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Selenium	0.74	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Silver	0.049	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20307	0816-01-0034	0-1	QBT 4	Sodium	794	-	mg/kg	None
16-20307	0816-01-0034	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20307	0816-01-0034	0-1	QBT 4	Vanadium	2.7	-	mg/kg	J
16-20307	0816-01-0034	0-1	QBT 4	Zinc	50.8	-	mg/kg	J-
16-20305	0816-01-0035	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Aluminum	6920	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Antimony	0.94	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Arsenic	0.93	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Barium	606	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Beryllium	0.51	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Cadmium	0.075	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20305	0816-01-0035	0-1	QBT 4	Calcium	1430	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chromium	5.5	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Copper	10.4	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20305	0816-01-0035	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	HMX	0.35	-	mg/kg	J-
16-20305	0816-01-0035	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Iron	9320	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Lead	8.6	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Magnesium	988	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Manganese	136	-	mg/kg	J-
16-20305	0816-01-0035	0-1	QBT 4	Mercury	0.027	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nickel	4.4	-	mg/kg	J
16-20305	0816-01-0035	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Potassium	741	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Pyrene	1.9	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	RDX	1.3	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Selenium	0.54	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20305	0816-01-0035	0-1	QBT 4	Silver	0.073	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Sodium	344	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20305	0816-01-0035	0-1	QBT 4	Vanadium	7	-	mg/kg	None
16-20305	0816-01-0035	0-1	QBT 4	Zinc	34.3	-	mg/kg	J-
16-20304	0816-01-0036	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Aluminum	8850	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.16	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.12	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Antimony	0.92	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Arsenic	1.1	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Barium	696	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Beryllium	0.69	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20304	0816-01-0036	0-1	Fill	Cadmium	0.073	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Calcium	2650	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chromium	7.9	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Cobalt	4.2	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Copper	36.8	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20304	0816-01-0036	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	HMX	1.6	-	mg/kg	J-
16-20304	0816-01-0036	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Iron	10100	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Lead	18.5	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Magnesium	1390	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Manganese	243	-	mg/kg	J-
16-20304	0816-01-0036	0-1	Fill	Mercury	0.025	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nickel	9.4	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Potassium	928	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Pyrene	1.9	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	RDX	1.9	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20304	0816-01-0036	0-1	Fill	Selenium	0.23	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Silver	0.2	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Sodium	327	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Thallium	0.013	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20304	0816-01-0036	0-1	Fill	Trinitrotoluene[2,4,6-]	0.086	-	mg/kg	J
16-20304	0816-01-0036	0-1	Fill	Vanadium	12.8	-	mg/kg	None
16-20304	0816-01-0036	0-1	Fill	Zinc	46.8	-	mg/kg	J-
16-20237	0816-01-0037	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Aluminum	3610	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Antimony	0.88	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Arsenic	0.88	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Barium	15.9	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20237	0816-01-0037	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Cadmium	0.07	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Calcium	993	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chromium	5.8	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Copper	32.4	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20237	0816-01-0037	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	HMX	0.28	-	mg/kg	UJ
16-20237	0816-01-0037	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Iron	8370	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Lead	23.5	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Magnesium	956	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Manganese	137	-	mg/kg	J-
16-20237	0816-01-0037	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nickel	8.9	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Potassium	844	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Pyrene	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20237	0816-01-0037	0-1	QBT 4	RDX	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Silver	0.035	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Sodium	847	-	mg/kg	None
16-20237	0816-01-0037	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Thallium	0.26	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20237	0816-01-0037	0-1	QBT 4	Vanadium	4.2	-	mg/kg	J
16-20237	0816-01-0037	0-1	QBT 4	Zinc	150	-	mg/kg	J-
16-20323	0816-01-0039	2-3	QBT 4	Acenaphthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Acenaphthylene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Aluminum	10200	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Aniline	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Anthracene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Antimony	0.89	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Azobenzene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Barium	158	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzoic Acid	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Beryllium	1.2	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0039	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Cadmium	0.071	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Calcium	1880	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Chromium	4.5	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Chrysene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20323	0816-01-0039	2-3	QBT 4	Copper	5.4	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dibenzofuran	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Diethylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Fluoranthene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Fluorene	0.37	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0039	2-3	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Hexachloroethane	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	HMX	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Iron	10600	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Isophorone	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Lead	8.7	-	mg/kg	J+
16-20323	0816-01-0039	2-3	QBT 4	Magnesium	1380	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Manganese	113	-	mg/kg	J-
16-20323	0816-01-0039	2-3	QBT 4	Mercury	0.019	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Naphthalene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nickel	4.5	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrobenzene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Perchlorate	0.00815	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Phenanthrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Phenol	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0039	2-3	QBT 4	Potassium	1140	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Pyrene	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	RDX	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Selenium	0.32	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Silver	0.51	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Sodium	140	-	mg/kg	J
16-20323	0816-01-0039	2-3	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Thallium	0.48	-	mg/kg	J
16-20323	0816-01-0039	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	UJ
16-20323	0816-01-0039	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20323	0816-01-0039	2-3	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20323	0816-01-0039	2-3	QBT 4	Zinc	30.4	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Aluminum	4620	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Aniline	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Antimony	0.8	-	mg/kg	UJ
16-20323	0816-01-0040	0-0.5	QBT 4	Arsenic	0.91	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Barium	201	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Beryllium	0.39	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0040	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Cadmium	0.072	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Calcium	1110	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chromium	3.3	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Copper	2.8	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0040	0-0.5	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Hexachloroethane	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	HMX	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Iron	6400	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Lead	10	-	mg/kg	J-
16-20323	0816-01-0040	0-0.5	QBT 4	Magnesium	749	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Manganese	204	-	mg/kg	J+
16-20323	0816-01-0040	0-0.5	QBT 4	Mercury	0.017	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nickel	3	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Perchlorate	0.0735	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20323	0816-01-0040	0-0.5	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Phenol	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Potassium	754	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	RDX	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Selenium	0.2	-	mg/kg	UJ
16-20323	0816-01-0040	0-0.5	QBT 4	Silver	0.46	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Sodium	41	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Thallium	0.9	-	mg/kg	J
16-20323	0816-01-0040	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20323	0816-01-0040	0-0.5	QBT 4	Vanadium	6.8	-	mg/kg	None
16-20323	0816-01-0040	0-0.5	QBT 4	Zinc	19	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Aluminum	6100	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Aniline	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Anthracene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Antimony	0.85	-	mg/kg	UJ
16-20398	0816-01-0041	0-0.5	ALLH	Arsenic	3.2	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Barium	189	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20398	0816-01-0041	0-0.5	ALLH	Beryllium	0.82	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Cadmium	0.074	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Calcium	1870	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chromium	6.4	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Chrysene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Cobalt	12.8	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Copper	3.9	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20398	0816-01-0041	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Fluorene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	HMX	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Iron	9460	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Isophorone	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Lead	27.5	-	mg/kg	J+
16-20398	0816-01-0041	0-0.5	ALLH	Magnesium	1440	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Manganese	1290	-	mg/kg	J-
16-20398	0816-01-0041	0-0.5	ALLH	Mercury	0.023	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nickel	4.8	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20398	0816-01-0041	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Phenol	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Potassium	1640	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Pyrene	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	RDX	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Selenium	0.35	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Silver	0.49	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Sodium	95.2	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Tetryl	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Thallium	0.38	-	mg/kg	J
16-20398	0816-01-0041	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20398	0816-01-0041	0-0.5	ALLH	Vanadium	26.2	-	mg/kg	None
16-20398	0816-01-0041	0-0.5	ALLH	Zinc	17.2	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Aluminum	4200	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20428	0816-01-0042	0-0.5	ALLH	Arsenic	0.56	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Barium	161	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Benzoic Acid	1.6	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0042	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Beryllium	0.4	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Cadmium	0.064	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Calcium	1300	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chromium	3.7	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Cobalt	3.3	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Copper	3.7	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Iron	4870	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Lead	9.3	-	mg/kg	J+
16-20428	0816-01-0042	0-0.5	ALLH	Magnesium	707	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Manganese	179	-	mg/kg	J-
16-20428	0816-01-0042	0-0.5	ALLH	Mercury	0.017	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nickel	2.5	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0042	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Pentachlorophenol	1.6	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Potassium	802	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20428	0816-01-0042	0-0.5	ALLH	Silver	0.46	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Sodium	89.7	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Thallium	0.15	-	mg/kg	J
16-20428	0816-01-0042	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0042	0-0.5	ALLH	Vanadium	8.4	-	mg/kg	None
16-20428	0816-01-0042	0-0.5	ALLH	Zinc	12.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Aluminum	4230	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20428	0816-01-0043	0-0.5	ALLH	Arsenic	0.66	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Barium	159	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0043	0-0.5	ALLH	Benzoic Acid	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Beryllium	0.34	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Cadmium	0.064	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Calcium	1170	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chromium	4.1	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Cobalt	3.4	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Copper	3.2	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Iron	4840	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Lead	8.9	-	mg/kg	J+
16-20428	0816-01-0043	0-0.5	ALLH	Magnesium	722	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Manganese	154	-	mg/kg	J-
16-20428	0816-01-0043	0-0.5	ALLH	Mercury	0.02	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nickel	1.3	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20428	0816-01-0043	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Pentachlorophenol	1.6	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Potassium	879	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20428	0816-01-0043	0-0.5	ALLH	Silver	0.46	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Sodium	90.4	-	mg/kg	J
16-20428	0816-01-0043	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Thallium	0.13	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20428	0816-01-0043	0-0.5	ALLH	Vanadium	8.2	-	mg/kg	None
16-20428	0816-01-0043	0-0.5	ALLH	Zinc	11.6	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Aluminum	4970	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Antimony	0.82	-	mg/kg	UJ
16-20782	0816-01-0044	0-0.5	ALLH	Arsenic	0.52	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Barium	200	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0044	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Beryllium	0.43	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Cadmium	0.072	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Calcium	2570	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chromium	3.1	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Cobalt	2.6	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Copper	3.5	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Iron	7240	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Lead	9	-	mg/kg	J+
16-20782	0816-01-0044	0-0.5	ALLH	Magnesium	971	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Manganese	405	-	mg/kg	J-
16-20782	0816-01-0044	0-0.5	ALLH	Mercury	0.019	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nickel	1.5	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0044	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Perchlorate	0.0748	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Potassium	1060	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Selenium	0.29	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Silver	0.47	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Sodium	130	-	mg/kg	J
16-20782	0816-01-0044	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Thallium	0.093	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0044	0-0.5	ALLH	Vanadium	8.5	-	mg/kg	None
16-20782	0816-01-0044	0-0.5	ALLH	Zinc	27.8	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Aluminum	2810	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Aniline	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Anthracene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Antimony	0.83	-	mg/kg	UJ
16-20782	0816-01-0045	2-3	ALLH	Arsenic	0.2	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Barium	18.7	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0045	2-3	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Beryllium	0.29	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Cadmium	0.066	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Calcium	915	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chromium	2.7	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Chrysene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Cobalt	1.3	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Copper	0.68	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0045	2-3	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Fluorene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	HMX	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Iron	5690	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Isophorone	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Lead	3.8	-	mg/kg	J+
16-20782	0816-01-0045	2-3	ALLH	Magnesium	504	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Manganese	95.3	-	mg/kg	J-
16-20782	0816-01-0045	2-3	ALLH	Mercury	0.018	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nickel	1.4	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20782	0816-01-0045	2-3	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Perchlorate	0.0756	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Phenol	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Potassium	570	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Pyrene	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	RDX	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20782	0816-01-0045	2-3	ALLH	Silver	0.47	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Sodium	100	-	mg/kg	J
16-20782	0816-01-0045	2-3	ALLH	Tetryl	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Thallium	0.052	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20782	0816-01-0045	2-3	ALLH	Vanadium	5.5	-	mg/kg	None
16-20782	0816-01-0045	2-3	ALLH	Zinc	19.7	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Aluminum	8770	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Antimony	0.88	-	mg/kg	UJ
16-20191	0816-01-0046	0-1	Fill	Arsenic	1.4	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Barium	394	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20191	0816-01-0046	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Beryllium	0.81	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Cadmium	0.07	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Calcium	3440	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chromium	5.6	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Cobalt	2.4	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Copper	8.4	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20191	0816-01-0046	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	HMX	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Iron	10300	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Lead	12.7	-	mg/kg	J+
16-20191	0816-01-0046	0-1	Fill	Magnesium	1460	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Manganese	170	-	mg/kg	J-
16-20191	0816-01-0046	0-1	Fill	Mercury	0.044	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nickel	1.8	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20191	0816-01-0046	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Potassium	1290	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	RDX	0.12	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Selenium	0.22	-	mg/kg	UJ
16-20191	0816-01-0046	0-1	Fill	Silver	0.5	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Sodium	287	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Thallium	0.39	-	mg/kg	J
16-20191	0816-01-0046	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20191	0816-01-0046	0-1	Fill	Vanadium	11.2	-	mg/kg	None
16-20191	0816-01-0046	0-1	Fill	Zinc	36.5	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Acenaphthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Acenaphthylene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Aluminum	5420	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Aniline	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Anthracene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Antimony	0.85	-	mg/kg	UJ
16-20174	0816-01-0047	0-1	Fill	Arsenic	1.4	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Azobenzene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20174	0816-01-0047	0-1	Fill	Barium	473	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Benzyl Alcohol	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Beryllium	0.57	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Cadmium	0.079	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Calcium	2170	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chromium	3.2	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Chrysene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Cobalt	2.1	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Copper	4.6	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dibenzofuran	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Diethylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dimethyl Phthalate	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20174	0816-01-0047	0-1	Fill	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Fluoranthene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Fluorene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachlorobenzene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Hexachloroethane	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	HMX	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Iron	8310	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Isophorone	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Lead	11.3	-	mg/kg	J+
16-20174	0816-01-0047	0-1	Fill	Magnesium	1050	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Manganese	178	-	mg/kg	J-
16-20174	0816-01-0047	0-1	Fill	Mercury	0.02	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Methylphenol[2-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Methylphenol[4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Naphthalene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nickel	1.9	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrobenzene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrophenol[2-]	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20174	0816-01-0047	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Phenanthrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Phenol	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Potassium	1170	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Pyrene	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	RDX	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Selenium	0.21	-	mg/kg	UJ
16-20174	0816-01-0047	0-1	Fill	Silver	0.49	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Sodium	215	-	mg/kg	J
16-20174	0816-01-0047	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Thallium	0.11	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20174	0816-01-0047	0-1	Fill	Vanadium	6.9	-	mg/kg	None
16-20174	0816-01-0047	0-1	Fill	Zinc	29.4	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Aluminum	7870	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.078	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.057	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20695	0816-01-0048	0-1	QBT 3	Arsenic	0.81	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20695	0816-01-0048	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Barium	192	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Cadmium	0.073	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Calcium	2240	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chromium	5.1	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Cobalt	4.2	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Copper	5.2	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20695	0816-01-0048	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	HMX	0.68	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Iron	9110	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Lead	10.4	-	mg/kg	J+
16-20695	0816-01-0048	0-1	QBT 3	Magnesium	1420	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Manganese	331	-	mg/kg	J-
16-20695	0816-01-0048	0-1	QBT 3	Mercury	0.02	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nickel	4.3	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20695	0816-01-0048	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Potassium	1480	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	RDX	1.1	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Selenium	0.36	-	mg/kg	J-
16-20695	0816-01-0048	0-1	QBT 3	Silver	0.53	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Sodium	128	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Thallium	0.22	-	mg/kg	J
16-20695	0816-01-0048	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20695	0816-01-0048	0-1	QBT 3	Vanadium	12.1	-	mg/kg	None
16-20695	0816-01-0048	0-1	QBT 3	Zinc	26.7	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Aluminum	5340	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20700	0816-01-0049	0-1	QBT 3	Arsenic	0.61	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Barium	59.1	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Beryllium	0.55	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Calcium	1570	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chromium	8.9	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Cobalt	3.6	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Copper	3	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20700	0816-01-0049	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Iron	8080	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Lead	6.3	-	mg/kg	J+
16-20700	0816-01-0049	0-1	QBT 3	Magnesium	1120	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Manganese	242	-	mg/kg	J-
16-20700	0816-01-0049	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nickel	3.3	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20700	0816-01-0049	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Potassium	1030	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	RDX	0.11	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20700	0816-01-0049	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Sodium	146	-	mg/kg	J
16-20700	0816-01-0049	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Thallium	0.083	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20700	0816-01-0049	0-1	QBT 3	Vanadium	10.7	-	mg/kg	None
16-20700	0816-01-0049	0-1	QBT 3	Zinc	23.2	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Aluminum	5980	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Anthracene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20351	0816-01-0050	0-1	Fill	Antimony	0.88	-	mg/kg	UJ
16-20351	0816-01-0050	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Barium	1540	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Beryllium	0.87	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Cadmium	0.13	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Calcium	2600	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chromium	4.9	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Cobalt	4.4	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Copper	11.6	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20351	0816-01-0050	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	HMX	5.7	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Iron	8960	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Lead	13.9	-	mg/kg	J+
16-20351	0816-01-0050	0-1	Fill	Magnesium	1160	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Manganese	206	-	mg/kg	J-
16-20351	0816-01-0050	0-1	Fill	Mercury	0.04	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nickel	4.3	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20351	0816-01-0050	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Potassium	958	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	RDX	1.6	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Selenium	0.48	-	mg/kg	J-
16-20351	0816-01-0050	0-1	Fill	Silver	1.5	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Sodium	179	-	mg/kg	J
16-20351	0816-01-0050	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Thallium	0.1	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20351	0816-01-0050	0-1	Fill	Vanadium	10.1	-	mg/kg	None
16-20351	0816-01-0050	0-1	Fill	Zinc	78.7	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Aluminum	6320	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Aniline	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20697	0816-01-0051	0-1	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20697	0816-01-0051	0-1	QBT 3	Arsenic	0.82	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Barium	441	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Beryllium	0.74	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Cadmium	0.073	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Calcium	2340	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chromium	5.6	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Cobalt	3.7	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Copper	8.5	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20697	0816-01-0051	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	HMX	0.66	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Iron	8680	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Lead	12.8	-	mg/kg	J+
16-20697	0816-01-0051	0-1	QBT 3	Magnesium	1190	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Manganese	322	-	mg/kg	J-
16-20697	0816-01-0051	0-1	QBT 3	Mercury	0.02	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nickel	2.8	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20697	0816-01-0051	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Phenol	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Potassium	1400	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	RDX	0.36	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20697	0816-01-0051	0-1	QBT 3	Silver	0.53	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Sodium	156	-	mg/kg	J
16-20697	0816-01-0051	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Thallium	0.14	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20697	0816-01-0051	0-1	QBT 3	Vanadium	11.6	-	mg/kg	None
16-20697	0816-01-0051	0-1	QBT 3	Zinc	30.3	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Aluminum	6870	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20569	0816-01-0052	0-0.5	ALLH	Aniline	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Anthracene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Antimony	0.83	-	mg/kg	UJ
16-20569	0816-01-0052	0-0.5	ALLH	Arsenic	1.6	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Barium	124	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Beryllium	0.76	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Cadmium	0.066	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Calcium	1570	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chromium	3.5	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Chrysene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Cobalt	2.2	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Copper	4.6	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Fluorene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Iron	7780	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Isophorone	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Lead	10.7	-	mg/kg	J+
16-20569	0816-01-0052	0-0.5	ALLH	Magnesium	959	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Manganese	132	-	mg/kg	J-
16-20569	0816-01-0052	0-0.5	ALLH	Mercury	0.019	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nickel	1.8	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20569	0816-01-0052	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Phenol	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Potassium	968	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Pyrene	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20569	0816-01-0052	0-0.5	ALLH	Silver	0.48	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Sodium	255	-	mg/kg	J
16-20569	0816-01-0052	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Thallium	0.11	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20569	0816-01-0052	0-0.5	ALLH	Vanadium	9	-	mg/kg	None
16-20569	0816-01-0052	0-0.5	ALLH	Zinc	21.3	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Aluminum	5430	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0053	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20500	0816-01-0053	0-0.5	ALLH	Arsenic	0.21	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Barium	99	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Beryllium	0.27	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Cadmium	0.065	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Calcium	1160	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chromium	3.6	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Cobalt	1.7	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Copper	2.5	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Iron	4580	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Lead	5.5	-	mg/kg	J+
16-20500	0816-01-0053	0-0.5	ALLH	Magnesium	624	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Manganese	82.9	-	mg/kg	J-
16-20500	0816-01-0053	0-0.5	ALLH	Mercury	0.017	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nickel	2.3	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0053	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Potassium	470	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20500	0816-01-0053	0-0.5	ALLH	Silver	0.47	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Sodium	106	-	mg/kg	J
16-20500	0816-01-0053	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Thallium	0.054	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0053	0-0.5	ALLH	Vanadium	7.9	-	mg/kg	None
16-20500	0816-01-0053	0-0.5	ALLH	Zinc	9.4	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Aluminum	6040	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0054	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Aniline	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20500	0816-01-0054	2-3	ALLH	Arsenic	0.13	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Barium	50	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Beryllium	0.32	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Cadmium	0.065	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Calcium	728	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chromium	3.6	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Chrysene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Cobalt	1.2	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Copper	2.6	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dibenzofuran	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Fluorene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	HMX	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Iron	4990	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Isophorone	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Lead	4.5	-	mg/kg	J+
16-20500	0816-01-0054	2-3	ALLH	Magnesium	431	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Manganese	66.7	-	mg/kg	J-
16-20500	0816-01-0054	2-3	ALLH	Mercury	0.017	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Naphthalene	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20500	0816-01-0054	2-3	ALLH	Nickel	1.3	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Phenol	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Potassium	475	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Pyrene	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	RDX	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Selenium	0.2	-	mg/kg	UJ
16-20500	0816-01-0054	2-3	ALLH	Silver	0.47	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Sodium	104	-	mg/kg	J
16-20500	0816-01-0054	2-3	ALLH	Tetryl	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Thallium	0.051	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20500	0816-01-0054	2-3	ALLH	Vanadium	7.5	-	mg/kg	None
16-20500	0816-01-0054	2-3	ALLH	Zinc	10.4	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Acenaphthylene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20281	0816-01-0055	0-1	ALLH	Aluminum	5660	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Aniline	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Anthracene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Antimony	0.82	-	mg/kg	UJ
16-20281	0816-01-0055	0-1	ALLH	Arsenic	0.85	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Barium	243	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Beryllium	0.66	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Cadmium	0.066	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Calcium	1670	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chromium	4.7	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Chrysene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Cobalt	2.2	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Copper	3.9	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20281	0816-01-0055	0-1	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Fluorene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	HMX	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Iron	9300	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Isophorone	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Lead	6.3	-	mg/kg	J+
16-20281	0816-01-0055	0-1	ALLH	Magnesium	1180	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Manganese	237	-	mg/kg	J-
16-20281	0816-01-0055	0-1	ALLH	Mercury	0.018	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20281	0816-01-0055	0-1	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nickel	2.2	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Phenol	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Potassium	1040	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Pyrene	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	RDX	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20281	0816-01-0055	0-1	ALLH	Silver	0.47	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Sodium	202	-	mg/kg	J
16-20281	0816-01-0055	0-1	ALLH	Tetryl	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Thallium	0.087	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20281	0816-01-0055	0-1	ALLH	Vanadium	9.1	-	mg/kg	None
16-20281	0816-01-0055	0-1	ALLH	Zinc	29.9	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Acenaphthene	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20649	0816-01-0056	0-0.5	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Aluminum	6380	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Aniline	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Anthracene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Antimony	0.81	-	mg/kg	UJ
16-20649	0816-01-0056	0-0.5	ALLH	Arsenic	1.4	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Barium	102	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Beryllium	0.89	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Cadmium	0.065	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Calcium	1750	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chromium	5.5	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Chrysene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Cobalt	2.7	-	mg/kg	J
16-20649	0816-01-0056	0-0.5	ALLH	Copper	4	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20649	0816-01-0056	0-0.5	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Fluorene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	HMX	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Iron	9820	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Isophorone	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Lead	8.6	-	mg/kg	J+
16-20649	0816-01-0056	0-0.5	ALLH	Magnesium	1360	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Manganese	263	-	mg/kg	J-
16-20649	0816-01-0056	0-0.5	ALLH	Mercury	0.017	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20649	0816-01-0056	0-0.5	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nickel	3.1	-	mg/kg	J
16-20649	0816-01-0056	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Phenol	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Potassium	1120	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Pyrene	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	RDX	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Selenium	0.33	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Silver	0.47	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Sodium	195	-	mg/kg	J
16-20649	0816-01-0056	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Thallium	0.11	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20649	0816-01-0056	0-0.5	ALLH	Vanadium	11.6	-	mg/kg	None
16-20649	0816-01-0056	0-0.5	ALLH	Zinc	26.5	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20699	0816-01-0057	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Aluminum	6490	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20699	0816-01-0057	0-1	QBT 3	Arsenic	0.85	-	mg/kg	J
16-20699	0816-01-0057	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Barium	124	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Beryllium	0.63	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Cadmium	0.071	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Calcium	1480	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chromium	5.7	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Cobalt	3.8	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20699	0816-01-0057	0-1	QBT 3	Copper	3.7	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Iron	9180	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Lead	9	-	mg/kg	J+
16-20699	0816-01-0057	0-1	QBT 3	Magnesium	1150	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Manganese	376	-	mg/kg	J-
16-20699	0816-01-0057	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20699	0816-01-0057	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nickel	2.2	-	mg/kg	J
16-20699	0816-01-0057	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Potassium	1130	-	mg/kg	None
16-20699	0816-01-0057	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20699	0816-01-0057	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Sodium	124	-	mg/kg	J
16-20699	0816-01-0057	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Thallium	0.11	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20699	0816-01-0057	0-1	QBT 3	Vanadium	13.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20699	0816-01-0057	0-1	QBT 3	Zinc	27	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Acenaphthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Acenaphthylene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Aluminum	6360	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.23	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.21	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Aniline	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Anthracene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Antimony	0.9	-	mg/kg	UJ
16-20694	0816-01-0058	0-1	ALLH	Arsenic	1.1	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Azobenzene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Barium	473	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Benzyl Alcohol	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Beryllium	0.67	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Cadmium	0.072	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Calcium	2070	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chromium	5.1	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Chrysene	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694	0816-01-0058	0-1	ALLH	Cobalt	3.8	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Copper	8.4	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dibenzofuran	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Diethylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Fluoranthene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Fluorene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachlorobenzene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Hexachloroethane	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	HMX	0.65	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Iron	9040	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Isophorone	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Lead	11.5	-	mg/kg	J+
16-20694	0816-01-0058	0-1	ALLH	Magnesium	1140	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Manganese	342	-	mg/kg	J-
16-20694	0816-01-0058	0-1	ALLH	Mercury	0.024	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694	0816-01-0058	0-1	ALLH	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Methylphenol[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Methylphenol[4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Naphthalene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nickel	2.7	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrobenzene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Phenanthrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Phenol	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Potassium	1010	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Pyrene	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	RDX	0.49	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20694	0816-01-0058	0-1	ALLH	Silver	0.52	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Sodium	132	-	mg/kg	J
16-20694	0816-01-0058	0-1	ALLH	Tetryl	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Thallium	0.11	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20694	0816-01-0058	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694	0816-01-0058	0-1	ALLH	Vanadium	12.9	-	mg/kg	None
16-20694	0816-01-0058	0-1	ALLH	Zinc	31	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Aluminum	2410	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Aniline	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Anthracene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Antimony	1.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Arsenic	0.34	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Barium	19.6	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Cadmium	0.1	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Calcium	1030	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Chromium	2.3	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Chromium hexavalent ion	0.54	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20193	0816-01-0059	0-1	QBT 4	Chrysene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Copper	2	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Fluorene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	HMX	0.29	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Iron	7970	-	mg/kg	None
16-20193	0816-01-0059	0-1	QBT 4	Isophorone	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Lead	4.4	-	mg/kg	J+
16-20193	0816-01-0059	0-1	QBT 4	Magnesium	388	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Manganese	193	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20193	0816-01-0059	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nickel	4.1	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Potassium	641	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Pyrene	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	RDX	0.97	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Silver	0.6	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Sodium	237	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Tetryl	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Thallium	0.44	-	mg/kg	J
16-20193	0816-01-0059	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20193	0816-01-0059	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	UJ
16-20193	0816-01-0059	0-1	QBT 4	Vanadium	0.46	-	mg/kg	U
16-20193	0816-01-0059	0-1	QBT 4	Zinc	29	-	mg/kg	J+
16-20744	0816-01-0060	0-0.5	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Aluminum	5610	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Aniline	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Anthracene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Antimony	0.83	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Arsenic	0.2	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Barium	141	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Beryllium	0.5	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Cadmium	0.12	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Calcium	4010	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chromium	4	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20744	0816-01-0060	0-0.5	ALLH	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Chrysene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Cobalt	3.2	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Copper	5.1	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Fluorene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Hexachloroethane	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	HMX	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Iron	8340	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Isophorone	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Lead	8.7	-	mg/kg	J+
16-20744	0816-01-0060	0-0.5	ALLH	Magnesium	1020	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20744	0816-01-0060	0-0.5	ALLH	Manganese	520	-	mg/kg	J-
16-20744	0816-01-0060	0-0.5	ALLH	Mercury	0.018	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nickel	5.4	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrobenzene	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Phenol	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Potassium	1070	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Pyrene	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	RDX	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Selenium	0.21	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Silver	0.48	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Sodium	26.2	-	mg/kg	J
16-20744	0816-01-0060	0-0.5	ALLH	Tetryl	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Thallium	0.13	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20744	0816-01-0060	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20744	0816-01-0060	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	UJ
16-20744	0816-01-0060	0-0.5	ALLH	Vanadium	6.9	-	mg/kg	None
16-20744	0816-01-0060	0-0.5	ALLH	Zinc	38.4	-	mg/kg	J+
16-20269	0816-01-0061	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Aluminum	3260	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Barium	123	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Beryllium	0.56	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Cadmium	0.082	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Calcium	1020	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0061	0-1	QBT 4	Chromium	2.6	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Cobalt	1.8	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	HMX	0.51	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Iron	8220	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Lead	4.1	-	mg/kg	J+

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0061	0-1	QBT 4	Magnesium	434	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Manganese	204	-	mg/kg	J-
16-20269	0816-01-0061	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Perchlorate	0.00936	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Potassium	809	-	mg/kg	None
16-20269	0816-01-0061	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	RDX	1.8	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Selenium	0.33	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Sodium	240	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Tetryl	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Thallium	0.059	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0061	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20269	0816-01-0061	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0061	0-1	QBT 4	Vanadium	1.1	-	mg/kg	J
16-20269	0816-01-0061	0-1	QBT 4	Zinc	33.3	-	mg/kg	J+
16-20269	0816-01-0062	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Aluminum	2200	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Antimony	1	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Barium	16.9	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Beryllium	0.4	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Calcium	731	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0062	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chromium	3.3	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Copper	3.8	-	mg/kg	None
16-20269	0816-01-0062	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	HMX	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Iron	6440	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0062	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Lead	4.2	-	mg/kg	J+
16-20269	0816-01-0062	2-3	QBT 4	Magnesium	285	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Manganese	152	-	mg/kg	J-
16-20269	0816-01-0062	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Perchlorate	0.00941	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Potassium	566	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	RDX	0.57	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Selenium	0.25	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Silver	0.58	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Sodium	249	-	mg/kg	J
16-20269	0816-01-0062	2-3	QBT 4	Tetryl	0.32	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20269	0816-01-0062	2-3	QBT 4	Thallium	0.028	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	UJ
16-20269	0816-01-0062	2-3	QBT 4	Vanadium	0.44	-	mg/kg	U
16-20269	0816-01-0062	2-3	QBT 4	Zinc	27.3	-	mg/kg	J+
16-20124	0816-01-0063	0-1	Fill	Acenaphthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Acenaphthylene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Aluminum	14100	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Aniline	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Anthracene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Antimony	0.92	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Arsenic	3.5	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Azobenzene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Barium	186	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Benzyl Alcohol	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Beryllium	1	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Cadmium	0.21	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Calcium	2360	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20124	0816-01-0063	0-1	Fill	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chromium	8.3	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Chrysene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Cobalt	3.6	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Copper	29.4	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dibenzofuran	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Diethylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Fluoranthene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Fluorene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachlorobenzene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Hexachloroethane	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	HMX	7.7	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20124	0816-01-0063	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Iron	14800	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Isophorone	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Lead	21.3	-	mg/kg	J+
16-20124	0816-01-0063	0-1	Fill	Magnesium	1820	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Manganese	151	-	mg/kg	J-
16-20124	0816-01-0063	0-1	Fill	Mercury	0.058	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Naphthalene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nickel	7.7	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrobenzene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Phenanthrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Phenol	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Potassium	1500	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Pyrene	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	RDX	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Selenium	0.23	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Silver	0.53	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Sodium	423	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20124	0816-01-0063	0-1	Fill	Tetryl	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Thallium	0.26	-	mg/kg	J
16-20124	0816-01-0063	0-1	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20124	0816-01-0063	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	UJ
16-20124	0816-01-0063	0-1	Fill	Vanadium	15.3	-	mg/kg	None
16-20124	0816-01-0063	0-1	Fill	Zinc	64.1	-	mg/kg	J+
16-20087	0816-01-0064	0-1	Fill	Acenaphthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Acenaphthylene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Aluminum	19900	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Aniline	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Anthracene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Antimony	0.99	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Arsenic	4.3	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Azobenzene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Barium	180	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzoic Acid	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Benzyl Alcohol	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Beryllium	1.8	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Cadmium	0.079	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Calcium	3650	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20087	0816-01-0064	0-1	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chromium	39.4	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Chrysene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Copper	9.5	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dibenzofuran	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Diethylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrobenzene[1,3-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Fluoranthene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Fluorene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachlorobenzene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Hexachloroethane	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20087	0816-01-0064	0-1	Fill	HMX	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Iron	19900	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Isophorone	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Lead	22.9	-	mg/kg	J+
16-20087	0816-01-0064	0-1	Fill	Magnesium	2880	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Manganese	88.5	-	mg/kg	J-
16-20087	0816-01-0064	0-1	Fill	Mercury	0.036	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Naphthalene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nickel	10.2	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Nitroaniline[2-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitroaniline[3-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitroaniline[4-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrobenzene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrophenol[4-]	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Pentachlorophenol	2	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Phenanthrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Phenol	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Potassium	2140	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Pyrene	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	RDX	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Selenium	0.25	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Silver	0.57	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20087	0816-01-0064	0-1	Fill	Sodium	453	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Tetryl	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Thallium	0.66	-	mg/kg	J
16-20087	0816-01-0064	0-1	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20087	0816-01-0064	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	UJ
16-20087	0816-01-0064	0-1	Fill	Vanadium	21.5	-	mg/kg	None
16-20087	0816-01-0064	0-1	Fill	Zinc	35.8	-	mg/kg	J+
16-20579	0816-01-0065	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Aluminum	2630	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Antimony	0.89	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Arsenic	0.12	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Barium	25.6	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Beryllium	0.48	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Cadmium	0.071	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20579	0816-01-0065	0-1	Fill	Calcium	734	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chromium	1.6	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Cobalt	0.69	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Copper	1.8	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20579	0816-01-0065	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	HMX	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Iron	6150	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Lead	4.7	-	mg/kg	J+
16-20579	0816-01-0065	0-1	Fill	Magnesium	390	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Manganese	185	-	mg/kg	J-
16-20579	0816-01-0065	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nickel	2.3	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Potassium	343	-	mg/kg	J
16-20579	0816-01-0065	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	RDX	0.3	-	mg/kg	None
16-20579	0816-01-0065	0-1	Fill	Selenium	0.25	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20579	0816-01-0065	0-1	Fill	Silver	0.51	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Sodium	9.7	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Thallium	0.055	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Vanadium	0.38	-	mg/kg	U
16-20579	0816-01-0065	0-1	Fill	Zinc	35	-	mg/kg	J+
16-20696	0816-01-0066	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Aluminum	5790	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.049	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Arsenic	0.91	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Barium	191	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Beryllium	0.55	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20696	0816-01-0066	0-1	QBT 3	Cadmium	0.072	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Calcium	1620	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chromium	5.3	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Cobalt	4.1	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Copper	4.9	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20696	0816-01-0066	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Iron	8930	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Lead	8.8	-	mg/kg	J+
16-20696	0816-01-0066	0-1	QBT 3	Magnesium	949	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Manganese	316	-	mg/kg	J-
16-20696	0816-01-0066	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nickel	6.1	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Potassium	1120	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	RDX	0.12	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20696	0816-01-0066	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Sodium	9.9	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Thallium	0.15	-	mg/kg	J
16-20696	0816-01-0066	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20696	0816-01-0066	0-1	QBT 3	Vanadium	9.2	-	mg/kg	None
16-20696	0816-01-0066	0-1	QBT 3	Zinc	28	-	mg/kg	J+
16-20474	0816-01-0067	0-0.5	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Aluminum	12100	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Aniline	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Antimony	0.94	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Arsenic	2.3	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Barium	200	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Beryllium	0.98	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0067	0-0.5	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Cadmium	0.075	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Calcium	2860	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chromium	9.3	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Cobalt	5.8	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Copper	7.2	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	HMX	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Iron	12800	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Lead	13.5	-	mg/kg	J+
16-20474	0816-01-0067	0-0.5	QBT 4	Magnesium	1730	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Manganese	249	-	mg/kg	J-
16-20474	0816-01-0067	0-0.5	QBT 4	Mercury	0.028	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nickel	8.5	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Phenol	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Potassium	1130	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Pyrene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0067	0-0.5	QBT 4	RDX	0.5	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Silver	0.54	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Sodium	63.5	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Thallium	0.19	-	mg/kg	J
16-20474	0816-01-0067	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0067	0-0.5	QBT 4	Vanadium	19.4	-	mg/kg	None
16-20474	0816-01-0067	0-0.5	QBT 4	Zinc	23.6	-	mg/kg	J+
16-20474	0816-01-0068	0-0.5	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Aluminum	8590	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Aniline	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Antimony	0.94	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Barium	152	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Beryllium	0.76	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0068	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Cadmium	0.09	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Calcium	3270	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chromium	12	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Cobalt	4.1	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Copper	6.2	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Fluorene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	HMX	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Iron	10800	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Lead	10.5	-	mg/kg	J+
16-20474	0816-01-0068	0-0.5	QBT 4	Magnesium	1830	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Manganese	237	-	mg/kg	J-
16-20474	0816-01-0068	0-0.5	QBT 4	Mercury	0.025	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nickel	9.3	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Phenol	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Potassium	1510	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0068	0-0.5	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	RDX	0.048	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Silver	0.54	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Sodium	136	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Thallium	0.16	-	mg/kg	J
16-20474	0816-01-0068	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0068	0-0.5	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20474	0816-01-0068	0-0.5	QBT 4	Zinc	30.5	-	mg/kg	J+
16-20474	0816-01-0069	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Aluminum	10400	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Antimony	0.93	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Barium	152	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Beryllium	0.91	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0069	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Cadmium	0.14	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Calcium	2890	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chromium	8.1	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Copper	6.4	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0069	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	HMX	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Iron	11400	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Lead	144	-	mg/kg	J+
16-20474	0816-01-0069	2-3	QBT 4	Magnesium	1870	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Manganese	210	-	mg/kg	J-
16-20474	0816-01-0069	2-3	QBT 4	Mercury	0.024	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nickel	8.4	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Phenol	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0069	2-3	QBT 4	Potassium	1640	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	RDX	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Sodium	116	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Thallium	0.5	-	mg/kg	J
16-20474	0816-01-0069	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20474	0816-01-0069	2-3	QBT 4	Vanadium	11.4	-	mg/kg	None
16-20474	0816-01-0069	2-3	QBT 4	Zinc	31.3	-	mg/kg	J+
16-20474	0816-01-0070	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Aluminum	10700	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Aniline	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Antimony	0.95	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Arsenic	3.1	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Barium	189	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Beryllium	0.91	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0070	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Cadmium	0.076	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Calcium	2410	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chromium	8	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Cobalt	5.6	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Copper	5.8	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0070	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	HMX	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Iron	14700	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Lead	14.7	-	mg/kg	J+
16-20474	0816-01-0070	2-3	QBT 4	Magnesium	1540	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Manganese	361	-	mg/kg	J-
16-20474	0816-01-0070	2-3	QBT 4	Mercury	0.029	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nickel	7.3	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20474	0816-01-0070	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Potassium	1090	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	RDX	0.66	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Selenium	0.24	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Silver	0.55	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Sodium	63.2	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Thallium	0.17	-	mg/kg	J
16-20474	0816-01-0070	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20474	0816-01-0070	2-3	QBT 4	Vanadium	25.8	-	mg/kg	None
16-20474	0816-01-0070	2-3	QBT 4	Zinc	21.1	-	mg/kg	J+
16-20698	0816-01-0071	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Aluminum	8450	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Antimony	0.91	-	mg/kg	UJ
16-20698	0816-01-0071	0-1	QBT 3	Arsenic	1	-	mg/kg	J-
16-20698	0816-01-0071	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Barium	446	-	mg/kg	J-
16-20698	0816-01-0071	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Beryllium	0.74	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20698	0816-01-0071	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Calcium	3350	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chromium	8	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Cobalt	4.8	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Copper	7.2	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20698	0816-01-0071	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	HMX	0.81	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Iron	12100	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Lead	10	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Magnesium	1390	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Manganese	478	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Mercury	0.034	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nickel	7.5	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20698	0816-01-0071	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Potassium	1090	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	RDX	0.075	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20698	0816-01-0071	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Sodium	104	-	mg/kg	J
16-20698	0816-01-0071	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Thallium	0.44	-	mg/kg	J+
16-20698	0816-01-0071	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20698	0816-01-0071	0-1	QBT 3	Vanadium	14.6	-	mg/kg	None
16-20698	0816-01-0071	0-1	QBT 3	Zinc	43.2	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Aluminum	13300	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Antimony	0.97	-	mg/kg	UJ
16-20295	0816-01-0072	0-1	QBT 4	Arsenic	2.3	-	mg/kg	J-
16-20295	0816-01-0072	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Barium	54.6	-	mg/kg	J-
16-20295	0816-01-0072	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20295	0816-01-0072	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Calcium	2240	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chromium	12.1	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20295	0816-01-0072	0-1	QBT 4	Copper	7.4	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20295	0816-01-0072	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Iron	17200	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Lead	6.6	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Magnesium	2360	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Manganese	64.1	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nickel	11.3	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20295	0816-01-0072	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Potassium	1440	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	RDX	2.3	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20295	0816-01-0072	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Sodium	150	-	mg/kg	J
16-20295	0816-01-0072	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Thallium	0.34	-	mg/kg	J+
16-20295	0816-01-0072	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20295	0816-01-0072	0-1	QBT 4	Vanadium	16.3	-	mg/kg	None
16-20295	0816-01-0072	0-1	QBT 4	Zinc	36.2	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Acenaphthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Acenaphthylene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Aluminum	18700	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.11	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Aniline	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Anthracene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Antimony	0.96	-	mg/kg	UJ
16-20148	0816-01-0073	0-0.5	ALLH	Arsenic	2.3	-	mg/kg	J-
16-20148	0816-01-0073	0-0.5	ALLH	Azobenzene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Barium	63.5	-	mg/kg	J-
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Benzoic Acid	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20148	0816-01-0073	0-0.5	ALLH	Benzyl Alcohol	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Beryllium	1.2	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Cadmium	0.076	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Calcium	3000	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chromium	11.6	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Chrysene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Cobalt	2.2	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Copper	6.8	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dibenzofuran	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Diethylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Fluoranthene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Fluorene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachlorobenzene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Hexachloroethane	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	HMX	2.5	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Iron	18400	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Isophorone	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Lead	11.4	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Magnesium	2580	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Manganese	106	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Mercury	0.039	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Methylphenol[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Methylphenol[4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Naphthalene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nickel	7.2	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitroaniline[3-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrobenzene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20148	0816-01-0073	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Phenanthrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Phenol	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Potassium	2290	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Pyrene	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	RDX	1.3	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Selenium	0.24	-	mg/kg	UJ
16-20148	0816-01-0073	0-0.5	ALLH	Silver	0.55	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Sodium	556	-	mg/kg	J
16-20148	0816-01-0073	0-0.5	ALLH	Tetryl	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Thallium	0.32	-	mg/kg	J+
16-20148	0816-01-0073	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20148	0816-01-0073	0-0.5	ALLH	Vanadium	20.6	-	mg/kg	None
16-20148	0816-01-0073	0-0.5	ALLH	Zinc	38.2	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Aluminum	9020	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Antimony	0.91	-	mg/kg	UJ
16-20702	0816-01-0074	0-1	QBT 3	Arsenic	1.4	-	mg/kg	J-
16-20702	0816-01-0074	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Barium	682	-	mg/kg	J-
16-20702	0816-01-0074	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0074	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Cadmium	0.089	-	mg/kg	J
16-20702	0816-01-0074	0-1	QBT 3	Calcium	1710	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chromium	6.7	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Cobalt	5.1	-	mg/kg	J
16-20702	0816-01-0074	0-1	QBT 3	Copper	7.2	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Iron	12800	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Lead	12.5	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Magnesium	1430	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Manganese	485	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nickel	5.2	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0074	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Potassium	934	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	RDX	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702	0816-01-0074	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Sodium	116	-	mg/kg	J
16-20702	0816-01-0074	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Thallium	0.17	-	mg/kg	J+
16-20702	0816-01-0074	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0074	0-1	QBT 3	Vanadium	18.1	-	mg/kg	None
16-20702	0816-01-0074	0-1	QBT 3	Zinc	42.6	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Aluminum	9910	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.17	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.14	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702	0816-01-0075	0-1	QBT 3	Arsenic	1	-	mg/kg	J-
16-20702	0816-01-0075	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Barium	518	-	mg/kg	J-
16-20702	0816-01-0075	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0075	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Calcium	1820	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chromium	7.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Cobalt	6.4	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Copper	6.2	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	HMX	2.4	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Iron	12500	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Lead	11.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Magnesium	1580	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Manganese	515	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nickel	5.9	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0075	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Potassium	1200	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	RDX	1.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702	0816-01-0075	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Sodium	119	-	mg/kg	J
16-20702	0816-01-0075	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Thallium	0.14	-	mg/kg	J+
16-20702	0816-01-0075	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0075	0-1	QBT 3	Vanadium	17.3	-	mg/kg	None
16-20702	0816-01-0075	0-1	QBT 3	Zinc	41.2	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Aluminum	9780	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702	0816-01-0076	2-3	QBT 3	Arsenic	1.3	-	mg/kg	J-
16-20702	0816-01-0076	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Barium	212	-	mg/kg	J-
16-20702	0816-01-0076	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0076	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Cadmium	0.098	-	mg/kg	J
16-20702	0816-01-0076	2-3	QBT 3	Calcium	1290	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chromium	6.6	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Cobalt	6.1	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Copper	5.9	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0076	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	HMX	0.79	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Iron	11400	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Lead	11.6	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Magnesium	2240	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Manganese	578	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Mercury	0.025	-	mg/kg	J
16-20702	0816-01-0076	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nickel	10.5	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0076	2-3	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Potassium	1240	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	RDX	1.1	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702	0816-01-0076	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Sodium	142	-	mg/kg	J
16-20702	0816-01-0076	2-3	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Thallium	0.17	-	mg/kg	J+
16-20702	0816-01-0076	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0076	2-3	QBT 3	Vanadium	20.2	-	mg/kg	None
16-20702	0816-01-0076	2-3	QBT 3	Zinc	33.2	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Aluminum	10300	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702	0816-01-0077	2-3	QBT 3	Arsenic	1.8	-	mg/kg	J-
16-20702	0816-01-0077	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Barium	181	-	mg/kg	J-
16-20702	0816-01-0077	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0077	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Beryllium	1.4	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Cadmium	0.079	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Calcium	1170	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chromium	8.3	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Cobalt	4	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Copper	7.9	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0077	2-3	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	HMX	0.73	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Iron	13200	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Lead	12.6	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Magnesium	1460	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Manganese	373	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Mercury	0.024	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nickel	7.4	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702	0816-01-0077	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Potassium	908	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	RDX	0.87	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Selenium	0.3	-	mg/kg	J-
16-20702	0816-01-0077	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Sodium	142	-	mg/kg	J
16-20702	0816-01-0077	2-3	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Thallium	0.2	-	mg/kg	J+
16-20702	0816-01-0077	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20702	0816-01-0077	2-3	QBT 3	Vanadium	21.8	-	mg/kg	None
16-20702	0816-01-0077	2-3	QBT 3	Zinc	39	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Aluminum	9100	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Antimony	0.86	-	mg/kg	UJ
16-20693	0816-01-0078	0-1	ALLH	Arsenic	0.82	-	mg/kg	J-
16-20693	0816-01-0078	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Barium	145	-	mg/kg	J-
16-20693	0816-01-0078	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0078	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Beryllium	0.77	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Cadmium	0.069	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Calcium	1980	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chromium	7.8	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Cobalt	3.8	-	mg/kg	J
16-20693	0816-01-0078	0-1	ALLH	Copper	4.9	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0078	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Iron	11700	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Lead	9.4	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Magnesium	1520	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Manganese	303	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Mercury	0.018	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nickel	6.6	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0078	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Potassium	1990	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	RDX	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20693	0816-01-0078	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Sodium	132	-	mg/kg	J
16-20693	0816-01-0078	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Thallium	0.19	-	mg/kg	J+
16-20693	0816-01-0078	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20693	0816-01-0078	0-1	ALLH	Vanadium	15.8	-	mg/kg	None
16-20693	0816-01-0078	0-1	ALLH	Zinc	31	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Aluminum	6060	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Aniline	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Antimony	0.88	-	mg/kg	UJ
16-20693	0816-01-0079	2-3	ALLH	Arsenic	0.6	-	mg/kg	J-
16-20693	0816-01-0079	2-3	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Barium	67	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0079	2-3	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Beryllium	0.6	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Cadmium	0.07	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Calcium	1150	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chromium	11.8	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Chrysene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Cobalt	3.6	-	mg/kg	J
16-20693	0816-01-0079	2-3	ALLH	Copper	3.4	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0079	2-3	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Fluorene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	HMX	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Iron	10200	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Isophorone	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Lead	8.1	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Magnesium	961	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Manganese	354	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Mercury	0.019	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nickel	10.1	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20693	0816-01-0079	2-3	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Phenol	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Potassium	901	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Pyrene	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	RDX	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20693	0816-01-0079	2-3	ALLH	Silver	0.5	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Sodium	90.9	-	mg/kg	J
16-20693	0816-01-0079	2-3	ALLH	Tetryl	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Thallium	0.13	-	mg/kg	J+
16-20693	0816-01-0079	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20693	0816-01-0079	2-3	ALLH	Vanadium	14.7	-	mg/kg	None
16-20693	0816-01-0079	2-3	ALLH	Zinc	25.8	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Aluminum	13100	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Aniline	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Anthracene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Antimony	0.89	-	mg/kg	UJ
16-20652	0816-01-0080	0-0.5	ALLH	Arsenic	1.3	-	mg/kg	J-
16-20652	0816-01-0080	0-0.5	ALLH	Azobenzene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0080	0-0.5	ALLH	Barium	139	-	mg/kg	J-
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Beryllium	0.8	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Cadmium	0.071	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Calcium	1930	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chromium	8.1	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Chrysene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Cobalt	4.6	-	mg/kg	J
16-20652	0816-01-0080	0-0.5	ALLH	Copper	4.1	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0080	0-0.5	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Fluorene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	HMX	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Iron	11400	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Isophorone	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Lead	10.7	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Magnesium	1560	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Manganese	372	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Mercury	0.019	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nickel	7.3	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0080	0-0.5	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Perchlorate	0.032	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Phenol	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Potassium	1610	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Pyrene	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	RDX	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20652	0816-01-0080	0-0.5	ALLH	Silver	0.51	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Sodium	75	-	mg/kg	J
16-20652	0816-01-0080	0-0.5	ALLH	Tetryl	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Thallium	0.16	-	mg/kg	J+
16-20652	0816-01-0080	0-0.5	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20652	0816-01-0080	0-0.5	ALLH	Vanadium	17.5	-	mg/kg	None
16-20652	0816-01-0080	0-0.5	ALLH	Zinc	24.3	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Acenaphthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Acenaphthylene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Aluminum	12200	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Aniline	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Anthracene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Antimony	0.97	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0081	2-3	ALLH	Arsenic	2.1	-	mg/kg	J-
16-20652	0816-01-0081	2-3	ALLH	Azobenzene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Barium	141	-	mg/kg	J-
16-20652	0816-01-0081	2-3	ALLH	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzoic Acid	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Benzyl Alcohol	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Beryllium	0.94	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Cadmium	0.077	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Calcium	1700	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chromium	12.8	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Chrysene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Cobalt	5.3	-	mg/kg	J
16-20652	0816-01-0081	2-3	ALLH	Copper	6.2	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dibenzofuran	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dichlorophenol[2,4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0081	2-3	ALLH	Diethylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Fluoranthene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Fluorene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachlorobenzene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Hexachloroethane	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	HMX	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Iron	13000	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Isophorone	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Lead	11.8	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Magnesium	1880	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Manganese	320	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Mercury	0.021	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Methylphenol[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Methylphenol[4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Naphthalene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nickel	9.2	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitroaniline[3-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrobenzene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20652	0816-01-0081	2-3	ALLH	Nitrobenzene	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Perchlorate	0.0352	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Phenanthrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Phenol	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Potassium	2030	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Pyrene	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	RDX	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Selenium	0.24	-	mg/kg	UJ
16-20652	0816-01-0081	2-3	ALLH	Silver	0.56	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Sodium	61.1	-	mg/kg	J
16-20652	0816-01-0081	2-3	ALLH	Tetryl	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Thallium	0.16	-	mg/kg	J+
16-20652	0816-01-0081	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20652	0816-01-0081	2-3	ALLH	Vanadium	23.5	-	mg/kg	None
16-20652	0816-01-0081	2-3	ALLH	Zinc	26.5	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Aluminum	32700	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Aniline	0.41	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0082	0-0.5	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Antimony	0.97	-	mg/kg	UJ
16-20223	0816-01-0082	0-0.5	QBT 4	Arsenic	2.7	-	mg/kg	J-
16-20223	0816-01-0082	0-0.5	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Barium	280	-	mg/kg	J-
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Calcium	3890	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chromium	15.6	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Cobalt	4.1	-	mg/kg	J
16-20223	0816-01-0082	0-0.5	QBT 4	Copper	10.5	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	HMX	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Iron	22500	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Lead	19.7	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Magnesium	4250	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Manganese	208	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Mercury	0.061	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nickel	12.6	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Perchlorate	0.0364	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Phenol	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Potassium	3540	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	RDX	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20223	0816-01-0082	0-0.5	QBT 4	Silver	0.56	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Sodium	567	-	mg/kg	J
16-20223	0816-01-0082	0-0.5	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Thallium	0.61	-	mg/kg	J+
16-20223	0816-01-0082	0-0.5	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20223	0816-01-0082	0-0.5	QBT 4	Vanadium	26.4	-	mg/kg	None
16-20223	0816-01-0082	0-0.5	QBT 4	Zinc	43.1	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Aluminum	17400	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0083	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Antimony	0.93	-	mg/kg	UJ
16-20223	0816-01-0083	2-3	QBT 4	Arsenic	2	-	mg/kg	J-
16-20223	0816-01-0083	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Barium	161	-	mg/kg	J-
16-20223	0816-01-0083	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Beryllium	1.5	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Cadmium	0.15	-	mg/kg	J
16-20223	0816-01-0083	2-3	QBT 4	Calcium	5220	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chromium	10	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20223	0816-01-0083	2-3	QBT 4	Copper	6.7	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dichlorophthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	HMX	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Iron	16900	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Lead	10	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Magnesium	2860	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Manganese	211	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Mercury	0.042	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nickel	8.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20223	0816-01-0083	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Perchlorate	0.00843	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Potassium	2230	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	RDX	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Selenium	0.24	-	mg/kg	UJ
16-20223	0816-01-0083	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Sodium	344	-	mg/kg	J
16-20223	0816-01-0083	2-3	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Thallium	0.35	-	mg/kg	J+
16-20223	0816-01-0083	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20223	0816-01-0083	2-3	QBT 4	Vanadium	18.2	-	mg/kg	None
16-20223	0816-01-0083	2-3	QBT 4	Zinc	38.1	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0084	0-1	ALLH	Aluminum	9110	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Antimony	0.88	-	mg/kg	UJ
16-20654	0816-01-0084	0-1	ALLH	Arsenic	0.82	-	mg/kg	J-
16-20654	0816-01-0084	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Barium	100	-	mg/kg	J-
16-20654	0816-01-0084	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Beryllium	0.72	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Cadmium	0.07	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Calcium	2110	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chromium	8.1	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Cobalt	3.9	-	mg/kg	J
16-20654	0816-01-0084	0-1	ALLH	Copper	3.5	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0084	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Iron	11500	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Lead	9	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Magnesium	1380	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Manganese	279	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Mercury	0.031	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0084	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nickel	6.1	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Potassium	1380	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	RDX	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20654	0816-01-0084	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Sodium	103	-	mg/kg	J
16-20654	0816-01-0084	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Thallium	0.13	-	mg/kg	J+
16-20654	0816-01-0084	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0084	0-1	ALLH	Vanadium	16.9	-	mg/kg	None
16-20654	0816-01-0084	0-1	ALLH	Zinc	30.4	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Acenaphthene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0085	2-3	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Aluminum	11100	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Aniline	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Antimony	0.86	-	mg/kg	UJ
16-20654	0816-01-0085	2-3	ALLH	Arsenic	1.2	-	mg/kg	J-
16-20654	0816-01-0085	2-3	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Barium	148	-	mg/kg	J-
16-20654	0816-01-0085	2-3	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Beryllium	0.84	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Cadmium	0.069	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Calcium	2150	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chromium	7.9	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Chrysene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Cobalt	4.2	-	mg/kg	J
16-20654	0816-01-0085	2-3	ALLH	Copper	4	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0085	2-3	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Fluorene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	HMX	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Iron	11700	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Isophorone	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Lead	9.6	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Magnesium	1490	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Manganese	287	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Mercury	0.035	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20654	0816-01-0085	2-3	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nickel	7.2	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Phenol	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Potassium	1920	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Pyrene	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	RDX	0.21	-	mg/kg	J
16-20654	0816-01-0085	2-3	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20654	0816-01-0085	2-3	ALLH	Silver	0.5	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Sodium	108	-	mg/kg	J
16-20654	0816-01-0085	2-3	ALLH	Tetryl	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Thallium	0.14	-	mg/kg	J+
16-20654	0816-01-0085	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20654	0816-01-0085	2-3	ALLH	Vanadium	17.8	-	mg/kg	None
16-20654	0816-01-0085	2-3	ALLH	Zinc	27.7	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20692	0816-01-0086	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Aluminum	8280	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Antimony	0.87	-	mg/kg	UJ
16-20692	0816-01-0086	0-1	ALLH	Arsenic	1	-	mg/kg	J-
16-20692	0816-01-0086	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Barium	266	-	mg/kg	J-
16-20692	0816-01-0086	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Beryllium	0.78	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Cadmium	0.092	-	mg/kg	J
16-20692	0816-01-0086	0-1	ALLH	Calcium	3120	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chromium	6.4	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Cobalt	3.9	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20692	0816-01-0086	0-1	ALLH	Copper	5.1	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	HMX	0.71	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Iron	11400	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Lead	10.4	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Magnesium	1360	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Manganese	399	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Mercury	0.042	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20692	0816-01-0086	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nickel	6.4	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Potassium	1300	-	mg/kg	None
16-20692	0816-01-0086	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	RDX	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20692	0816-01-0086	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Sodium	128	-	mg/kg	J
16-20692	0816-01-0086	0-1	ALLH	Tetryl	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Thallium	0.16	-	mg/kg	J+
16-20692	0816-01-0086	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20692	0816-01-0086	0-1	ALLH	Vanadium	14.8	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20692	0816-01-0086	0-1	ALLH	Zinc	35.7	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Aluminum	1410	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20562	0816-01-0087	0-1	QBT 3	Arsenic	0.6	-	mg/kg	J-
16-20562	0816-01-0087	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Barium	106	-	mg/kg	J-
16-20562	0816-01-0087	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Beryllium	0.6	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Cadmium	0.2	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Calcium	337	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chromium	0.82	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0087	0-1	QBT 3	Cobalt	0.83	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Copper	1.7	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Iron	7530	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Lead	1.7	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Magnesium	150	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Manganese	259	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Mercury	0.034	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0087	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nickel	3.2	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Potassium	259	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	RDX	0.6	-	mg/kg	None
16-20562	0816-01-0087	0-1	QBT 3	Selenium	0.31	-	mg/kg	J-
16-20562	0816-01-0087	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Sodium	121	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Thallium	0.015	-	mg/kg	J+
16-20562	0816-01-0087	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20562	0816-01-0087	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0087	0-1	QBT 3	Vanadium	2.9	-	mg/kg	J
16-20562	0816-01-0087	0-1	QBT 3	Zinc	30.9	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Aluminum	1230	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Antimony	0.86	-	mg/kg	UJ
16-20562	0816-01-0088	2-3	QBT 3	Arsenic	1.1	-	mg/kg	J-
16-20562	0816-01-0088	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Barium	9.7	-	mg/kg	J-
16-20562	0816-01-0088	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Cadmium	0.07	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Calcium	318	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Chromium	0.6	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0088	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Cobalt	0.73	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Copper	2.6	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Iron	7630	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Lead	2.1	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Magnesium	130	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Manganese	301	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0088	2-3	QBT 3	Mercury	0.029	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nickel	3.5	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Potassium	272	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	RDX	0.6	-	mg/kg	None
16-20562	0816-01-0088	2-3	QBT 3	Selenium	0.54	-	mg/kg	J-
16-20562	0816-01-0088	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Sodium	133	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20562	0816-01-0088	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20562	0816-01-0088	2-3	QBT 3	Vanadium	3.7	-	mg/kg	J
16-20562	0816-01-0088	2-3	QBT 3	Zinc	33.2	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Aluminum	7270	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20736	0816-01-0090	0-1	QBT 3	Arsenic	1.1	-	mg/kg	J-
16-20736	0816-01-0090	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Barium	493	-	mg/kg	J-
16-20736	0816-01-0090	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Cadmium	0.086	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Calcium	3210	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Chromium	17.4	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20736	0816-01-0090	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Cobalt	3.9	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Copper	6.1	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	HMX	0.79	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Iron	11900	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Lead	25.4	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Magnesium	1320	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Manganese	396	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20736	0816-01-0090	0-1	QBT 3	Mercury	0.029	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nickel	5.9	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Potassium	1310	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20736	0816-01-0090	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Sodium	163	-	mg/kg	J
16-20736	0816-01-0090	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Thallium	0.1	-	mg/kg	J+
16-20736	0816-01-0090	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20736	0816-01-0090	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20736	0816-01-0090	0-1	QBT 3	Vanadium	13.7	-	mg/kg	None
16-20736	0816-01-0090	0-1	QBT 3	Zinc	65	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Aluminum	3390	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0091	0-1	QBT 4	Arsenic	1	-	mg/kg	J-
16-20333	0816-01-0091	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Barium	18.3	-	mg/kg	J-
16-20333	0816-01-0091	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Beryllium	0.76	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Cadmium	0.23	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Calcium	1080	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chromium	4.5	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0091	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Copper	2.6	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	HMX	0.32	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Iron	10000	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Lead	3.9	-	mg/kg	J-
16-20333	0816-01-0091	0-1	QBT 4	Magnesium	899	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0091	0-1	QBT 4	Manganese	133	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Perchlorate	0.00915	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Potassium	874	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	RDX	0.32	-	mg/kg	None
16-20333	0816-01-0091	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Sodium	200	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Thallium	0.042	-	mg/kg	J+
16-20333	0816-01-0091	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0091	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0091	0-1	QBT 4	Vanadium	5.1	-	mg/kg	J
16-20333	0816-01-0091	0-1	QBT 4	Zinc	35	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Aluminum	3530	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0092	0-1	QBT 4	Arsenic	1.1	-	mg/kg	J-
16-20333	0816-01-0092	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Barium	20.2	-	mg/kg	J-
16-20333	0816-01-0092	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Beryllium	0.7	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Cadmium	0.17	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Calcium	1050	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0092	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chromium	4.4	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Cobalt	2.2	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Copper	2.8	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20333	0816-01-0092	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Iron	9570	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0092	0-1	QBT 4	Lead	3.7	-	mg/kg	J-
16-20333	0816-01-0092	0-1	QBT 4	Magnesium	860	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Manganese	165	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nickel	5.7	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Perchlorate	0.00918	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Potassium	1030	-	mg/kg	None
16-20333	0816-01-0092	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Sodium	210	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Thallium	0.055	-	mg/kg	J+

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0092	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0092	0-1	QBT 4	Vanadium	4.6	-	mg/kg	J
16-20333	0816-01-0092	0-1	QBT 4	Zinc	36	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Aluminum	2410	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Aniline	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0093	2-3	QBT 4	Arsenic	1.3	-	mg/kg	J-
16-20333	0816-01-0093	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Barium	20.6	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Beryllium	0.58	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Cadmium	0.17	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Calcium	999	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0093	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chromium	5.8	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Copper	2.9	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	UJ
16-20333	0816-01-0093	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	HMX	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0093	2-3	QBT 4	Iron	9320	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Lead	3.4	-	mg/kg	J-
16-20333	0816-01-0093	2-3	QBT 4	Magnesium	940	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Manganese	189	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nickel	5.3	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Perchlorate	0.00944	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Potassium	857	-	mg/kg	None
16-20333	0816-01-0093	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	RDX	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Selenium	0.3	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Silver	0.59	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Sodium	202	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0093	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Thallium	0.027	-	mg/kg	J+
16-20333	0816-01-0093	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20333	0816-01-0093	2-3	QBT 4	Vanadium	4.2	-	mg/kg	J
16-20333	0816-01-0093	2-3	QBT 4	Zinc	39	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Aluminum	2140	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Anthracene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Arsenic	0.93	-	mg/kg	J-
16-20333	0816-01-0094	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Barium	22.4	-	mg/kg	J-
16-20333	0816-01-0094	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Beryllium	0.56	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Cadmium	0.15	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Calcium	1060	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0094	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Chromium	4	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Chrysene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Cobalt	2.6	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Copper	2.4	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Fluorene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0094	2-3	QBT 4	HMX	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Iron	9580	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Isophorone	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Lead	3.6	-	mg/kg	J-
16-20333	0816-01-0094	2-3	QBT 4	Magnesium	940	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Manganese	248	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nickel	5.5	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Perchlorate	0.00945	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Potassium	837	-	mg/kg	None
16-20333	0816-01-0094	2-3	QBT 4	Pyrene	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	RDX	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Selenium	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20333	0816-01-0094	2-3	QBT 4	Silver	0.6	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Sodium	223	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Thallium	0.029	-	mg/kg	J+
16-20333	0816-01-0094	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	UJ
16-20333	0816-01-0094	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20333	0816-01-0094	2-3	QBT 4	Vanadium	4.7	-	mg/kg	J
16-20333	0816-01-0094	2-3	QBT 4	Zinc	36.4	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Aluminum	6650	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Antimony	0.9	-	mg/kg	UJ
16-20477	0816-01-0095	0-1	QBT 4	Arsenic	1.5	-	mg/kg	J-
16-20477	0816-01-0095	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Barium	1200	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Beryllium	0.58	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.08	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20477	0816-01-0095	0-1	QBT 4	Cadmium	0.1	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Calcium	1970	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chromium	5.3	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Cobalt	3.7	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Copper	6.8	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	UJ
16-20477	0816-01-0095	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20477	0816-01-0095	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	HMX	0.48	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Iron	8730	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Lead	18.3	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Magnesium	989	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Manganese	194	-	mg/kg	J+
16-20477	0816-01-0095	0-1	QBT 4	Mercury	0.0045	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nickel	4.8	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	UJ
16-20477	0816-01-0095	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Potassium	655	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	RDX	0.83	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20477	0816-01-0095	0-1	QBT 4	Selenium	0.23	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Sodium	77	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Thallium	0.37	-	mg/kg	J
16-20477	0816-01-0095	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20477	0816-01-0095	0-1	QBT 4	Vanadium	8.5	-	mg/kg	None
16-20477	0816-01-0095	0-1	QBT 4	Zinc	26.1	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Aluminum	8350	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Antimony	0.83	-	mg/kg	UJ
16-20513	0816-01-0096	0-1	QBT 4	Arsenic	1.9	-	mg/kg	J-
16-20513	0816-01-0096	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Barium	1390	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.62	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20513	0816-01-0096	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Cadmium	0.081	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Calcium	2380	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chromium	6.7	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Cobalt	4.9	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Copper	8.6	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Di-n-butylphthalate	0.13	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	UJ
16-20513	0816-01-0096	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20513	0816-01-0096	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Iron	10200	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Lead	33.3	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Magnesium	1420	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Manganese	259	-	mg/kg	J+
16-20513	0816-01-0096	0-1	QBT 4	Mercury	0.0046	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nickel	5.4	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrosodimethylamine[N-]	0.35	-	mg/kg	UJ
16-20513	0816-01-0096	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Potassium	1050	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20513	0816-01-0096	0-1	QBT 4	RDX	0.46	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Selenium	0.23	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Silver	0.48	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Sodium	58.4	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Thallium	0.18	-	mg/kg	J
16-20513	0816-01-0096	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20513	0816-01-0096	0-1	QBT 4	Vanadium	14.2	-	mg/kg	None
16-20513	0816-01-0096	0-1	QBT 4	Zinc	35	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Acenaphthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Acenaphthylene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Aluminum	4040	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Aniline	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Anthracene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Antimony	1.1	-	mg/kg	UJ
16-20121	0816-01-0097	0-1	QBT 4	Arsenic	2.9	-	mg/kg	J-
16-20121	0816-01-0097	0-1	QBT 4	Azobenzene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Barium	45.7	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Benzo(a)anthracene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(a)pyrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(b)fluoranthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(g,h,i)perylene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzo(k)fluoranthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzoic Acid	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Benzyl Alcohol	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Beryllium	0.34	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Bis(2-chloroethyl)ether	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.47	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20121	0816-01-0097	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Butylbenzylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Cadmium	0.09	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Calcium	2050	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chloroaniline[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chloronaphthalene[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chlorophenol[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chromium	8.2	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Chromium hexavalent ion	0.57	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Chrysene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Cobalt	0.7	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Copper	1.6	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Dibenz(a,h)anthracene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dibenzofuran	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzene[1,2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzene[1,3-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzene[1,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dichlorophenol[2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Diethylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dimethyl Phthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dimethylphenol[2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Di-n-butylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrobenzene[1,3-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrophenol[2,4-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,6-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20121	0816-01-0097	0-1	QBT 4	Di-n-octylphthalate	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Fluoranthene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Fluorene	0.47	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20121	0816-01-0097	0-1	QBT 4	Hexachlorobenzene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachlorobutadiene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachlorocyclopentadiene	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Hexachloroethane	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	HMX	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Iron	4050	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Isophorone	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Lead	8.8	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Magnesium	1540	-	mg/kg	None
16-20121	0816-01-0097	0-1	QBT 4	Manganese	44.7	-	mg/kg	J+
16-20121	0816-01-0097	0-1	QBT 4	Mercury	0.003	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Methylnaphthalene[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Methylphenol[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Methylphenol[4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Naphthalene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nickel	2.4	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Nitroaniline[2-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitroaniline[3-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitroaniline[4-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrobenzene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrophenol[2-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrophenol[4-]	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrosodimethylamine[N-]	0.47	-	mg/kg	UJ
16-20121	0816-01-0097	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrotoluene[2-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrotoluene[3-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Nitrotoluene[4-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Pentachlorophenol	2.3	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Phenanthrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Phenol	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Potassium	764	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20121	0816-01-0097	0-1	QBT 4	Pyrene	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	RDX	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Selenium	0.44	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Silver	0.65	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Sodium	58.7	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Tetryl	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Thallium	0.36	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.47	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.36	-	mg/kg	U
16-20121	0816-01-0097	0-1	QBT 4	Vanadium	2.5	-	mg/kg	J
16-20121	0816-01-0097	0-1	QBT 4	Zinc	15.6	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Aluminum	1970	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Arsenic	0.12	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Barium	646	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20561	0816-01-0098	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Cadmium	0.069	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Calcium	316	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chromium	0.44	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Cobalt	1.1	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20561	0816-01-0098	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	HMX	0.5	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Iron	6100	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Lead	1.2	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Magnesium	164	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Manganese	161	-	mg/kg	J+
16-20561	0816-01-0098	0-1	QBT 3	Mercury	0.0029	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nickel	2.2	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20561	0816-01-0098	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Phenol	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20561	0816-01-0098	0-1	QBT 3	Potassium	259	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	RDX	0.96	-	mg/kg	None
16-20561	0816-01-0098	0-1	QBT 3	Selenium	0.41	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Sodium	27	-	mg/kg	J
16-20561	0816-01-0098	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Vanadium	0.38	-	mg/kg	U
16-20561	0816-01-0098	0-1	QBT 3	Zinc	25.8	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Aluminum	4060	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Antimony	0.92	-	mg/kg	UJ
16-20517	0816-01-0099	0-1	QBT 4	Arsenic	4.2	-	mg/kg	J-
16-20517	0816-01-0099	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Barium	40.8	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Beryllium	0.82	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20517	0816-01-0099	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Cadmium	0.074	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Calcium	1020	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	UJ
16-20517	0816-01-0099	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20517	0816-01-0099	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	HMX	0.3	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Iron	9960	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Lead	3.2	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Magnesium	654	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Manganese	360	-	mg/kg	J+
16-20517	0816-01-0099	0-1	QBT 4	Mercury	0.0037	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nickel	4.6	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20517	0816-01-0099	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20517	0816-01-0099	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Potassium	550	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	RDX	0.46	-	mg/kg	None
16-20517	0816-01-0099	0-1	QBT 4	Selenium	0.28	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Silver	0.53	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Sodium	61.3	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20517	0816-01-0099	0-1	QBT 4	Vanadium	4.2	-	mg/kg	J
16-20517	0816-01-0099	0-1	QBT 4	Zinc	45.7	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Aluminum	1760	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20511	0816-01-0100	0-1	QBT 3	Arsenic	0.18	-	mg/kg	J-
16-20511	0816-01-0100	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Barium	13.7	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Beryllium	0.72	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20511	0816-01-0100	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Cadmium	0.069	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Calcium	454	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chromium	0.52	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Cobalt	0.54	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Copper	1.6	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	UJ
16-20511	0816-01-0100	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20511	0816-01-0100	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	HMX	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Iron	6520	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Lead	2	-	mg/kg	None
16-20511	0816-01-0100	0-1	QBT 3	Magnesium	214	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Manganese	240	-	mg/kg	J+
16-20511	0816-01-0100	0-1	QBT 3	Mercury	0.0028	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nickel	2.3	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20511	0816-01-0100	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20511	0816-01-0100	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Potassium	257	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	RDX	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Sodium	21.3	-	mg/kg	J
16-20511	0816-01-0100	0-1	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Vanadium	0.38	-	mg/kg	U
16-20511	0816-01-0100	0-1	QBT 3	Zinc	30.5	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Aluminum	3270	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Antimony	0.91	-	mg/kg	UJ
16-20555	0816-01-0101	0-1	QBT 4	Arsenic	0.51	-	mg/kg	J-
16-20555	0816-01-0101	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Barium	21	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20555	0816-01-0101	0-1	QBT 4	Beryllium	0.5	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Cadmium	0.2	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Calcium	922	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Copper	2.5	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20555	0816-01-0101	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Iron	9870	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Lead	2.4	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Magnesium	674	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Manganese	411	-	mg/kg	J+
16-20555	0816-01-0101	0-1	QBT 4	Mercury	0.0035	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	UJ
16-20555	0816-01-0101	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20555	0816-01-0101	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Potassium	453	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	RDX	0.7	-	mg/kg	None
16-20555	0816-01-0101	0-1	QBT 4	Selenium	0.23	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Sodium	116	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20555	0816-01-0101	0-1	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20555	0816-01-0101	0-1	QBT 4	Zinc	56.6	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Aluminum	2780	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20558	0816-01-0102	0-1	QBT 3	Arsenic	0.14	-	mg/kg	J-
16-20558	0816-01-0102	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Barium	489	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20558	0816-01-0102	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Beryllium	0.47	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.11	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Cadmium	0.1	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Calcium	519	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chromium	1.6	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Cobalt	1.6	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	HMX	0.33	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Iron	7960	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Lead	2.3	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Magnesium	415	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Manganese	333	-	mg/kg	J+
16-20558	0816-01-0102	0-1	QBT 3	Mercury	0.0031	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nickel	3.1	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20558	0816-01-0102	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20558	0816-01-0102	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Potassium	267	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	RDX	1.9	-	mg/kg	None
16-20558	0816-01-0102	0-1	QBT 3	Selenium	0.54	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Sodium	68.3	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20558	0816-01-0102	0-1	QBT 3	Vanadium	1.3	-	mg/kg	J
16-20558	0816-01-0102	0-1	QBT 3	Zinc	36.2	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Aluminum	1540	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Antimony	0.87	-	mg/kg	UJ
16-20514	0816-01-0103	0-1	QBT 3	Arsenic	0.27	-	mg/kg	UJ
16-20514	0816-01-0103	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Barium	36.4	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20514	0816-01-0103	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Beryllium	0.25	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Cadmium	0.1	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Calcium	402	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chromium	0.92	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Cobalt	0.54	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Iron	6420	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Magnesium	180	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Manganese	226	-	mg/kg	J+
16-20514	0816-01-0103	0-1	QBT 3	Mercury	0.0028	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nickel	1.4	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20514	0816-01-0103	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20514	0816-01-0103	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Potassium	257	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	RDX	0.46	-	mg/kg	None
16-20514	0816-01-0103	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Silver	0.58	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Sodium	12.5	-	mg/kg	J
16-20514	0816-01-0103	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Vanadium	0.38	-	mg/kg	U
16-20514	0816-01-0103	0-1	QBT 3	Zinc	28.5	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Aluminum	1630	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20515	0816-01-0104	0-1	QBT 3	Arsenic	0.13	-	mg/kg	UJ
16-20515	0816-01-0104	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Barium	163	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20515	0816-01-0104	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Beryllium	0.41	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Cadmium	0.08	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Calcium	691	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chromium	1.4	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Cobalt	1	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Copper	2.4	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Iron	7110	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Lead	2.2	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Magnesium	279	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Manganese	232	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Mercury	0.0032	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nickel	2.3	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	UJ
16-20515	0816-01-0104	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20515	0816-01-0104	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Potassium	272	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	RDX	0.87	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Selenium	0.59	-	mg/kg	None
16-20515	0816-01-0104	0-1	QBT 3	Silver	0.59	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Sodium	70.4	-	mg/kg	J
16-20515	0816-01-0104	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Thallium	0.013	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Vanadium	0.4	-	mg/kg	U
16-20515	0816-01-0104	0-1	QBT 3	Zinc	36.9	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Aluminum	7210	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20262	0816-01-0105	0-1	Fill	Arsenic	1.6	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Barium	354	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20262	0816-01-0105	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Beryllium	0.7	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Calcium	2360	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chromium	5.3	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Copper	13.4	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20262	0816-01-0105	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	HMX	1	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Iron	8470	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Lead	16.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Magnesium	1170	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Manganese	219	-	mg/kg	J+
16-20262	0816-01-0105	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nickel	4.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20262	0816-01-0105	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Potassium	605	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	RDX	1.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Selenium	0.23	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Silver	0.83	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Sodium	116	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Thallium	0.49	-	mg/kg	J
16-20262	0816-01-0105	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20262	0816-01-0105	0-1	Fill	Vanadium	12.8	-	mg/kg	None
16-20262	0816-01-0105	0-1	Fill	Zinc	26.7	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Aluminum	6050	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20263	0816-01-0106	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Barium	192	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20263	0816-01-0106	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Beryllium	0.85	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Cadmium	0.071	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Calcium	2260	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chromium	4	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Cobalt	2.7	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Copper	4.8	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20263	0816-01-0106	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	HMX	0.86	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Iron	9810	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Lead	12.6	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Magnesium	1030	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Manganese	250	-	mg/kg	J+
16-20263	0816-01-0106	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nickel	3.7	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20263	0816-01-0106	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Potassium	658	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	RDX	1.3	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Selenium	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Silver	0.15	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Sodium	116	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Thallium	0.24	-	mg/kg	J
16-20263	0816-01-0106	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20263	0816-01-0106	0-1	Fill	Vanadium	11.2	-	mg/kg	None
16-20263	0816-01-0106	0-1	Fill	Zinc	27.7	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Aluminum	5550	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Antimony	0.88	-	mg/kg	UJ
16-20265	0816-01-0107	0-1	Fill	Arsenic	1.4	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Barium	921	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20265	0816-01-0107	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Beryllium	0.53	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Cadmium	0.07	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Calcium	2740	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chromium	4.9	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Cobalt	3.8	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Copper	7.1	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20265	0816-01-0107	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	HMX	0.19	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Iron	7830	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Lead	13.8	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Magnesium	930	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Manganese	193	-	mg/kg	J+
16-20265	0816-01-0107	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nickel	3	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20265	0816-01-0107	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Potassium	861	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	RDX	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Selenium	0.42	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Silver	0.44	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Sodium	93.4	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Thallium	0.26	-	mg/kg	J
16-20265	0816-01-0107	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20265	0816-01-0107	0-1	Fill	Vanadium	8.9	-	mg/kg	None
16-20265	0816-01-0107	0-1	Fill	Zinc	28.4	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Aluminum	8180	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20261	0816-01-0108	0-1	Fill	Arsenic	2.1	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Barium	119	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0108	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Beryllium	0.75	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Calcium	1680	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chromium	6.6	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Cobalt	4.1	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Copper	5.3	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0108	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Iron	9740	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Lead	10.6	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Magnesium	1330	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Manganese	298	-	mg/kg	J+
16-20261	0816-01-0108	0-1	Fill	Mercury	0.022	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nickel	4.7	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0108	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Potassium	1090	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Selenium	0.22	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Silver	0.099	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Sodium	103	-	mg/kg	J
16-20261	0816-01-0108	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Thallium	0.14	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20261	0816-01-0108	0-1	Fill	Vanadium	14.6	-	mg/kg	None
16-20261	0816-01-0108	0-1	Fill	Zinc	23.2	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Aluminum	7970	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Antimony	0.89	-	mg/kg	UJ
16-20261	0816-01-0109	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Azobenzene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0109	0-1	Fill	Barium	127	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Beryllium	0.76	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Cadmium	0.071	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Calcium	1750	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chromium	5.9	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Cobalt	4.6	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Copper	5.7	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0109	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	HMX	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Iron	9730	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Lead	11.6	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Magnesium	1300	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Manganese	364	-	mg/kg	J+
16-20261	0816-01-0109	0-1	Fill	Mercury	0.023	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nickel	4.8	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20261	0816-01-0109	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Potassium	992	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	RDX	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Selenium	0.22	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Silver	0.085	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Sodium	90.3	-	mg/kg	J
16-20261	0816-01-0109	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Thallium	0.14	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20261	0816-01-0109	0-1	Fill	Vanadium	14.3	-	mg/kg	None
16-20261	0816-01-0109	0-1	Fill	Zinc	21.1	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Aluminum	4130	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20330	0816-01-0110	0-1	QBT 4	Arsenic	0.9	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0110	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Barium	52	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Beryllium	0.4	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bromide	0.0401	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Cadmium	0.29	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Calcium	1280	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Chloride	15.5	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chromium	2.9	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Copper	3.8	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0110	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Fluoride	0.659	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	HMX	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Iron	8550	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Lead	5.1	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Magnesium	748	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Manganese	172	-	mg/kg	J+
16-20330	0816-01-0110	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nickel	2.9	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0110	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Oxalate	0.38	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Perchlorate	0.0384	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Potassium	831	-	mg/kg	None
16-20330	0816-01-0110	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Silver	0.054	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Sodium	150	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Sulfate	16.3	-	mg/kg	
16-20330	0816-01-0110	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Thallium	0.029	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20330	0816-01-0110	0-1	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20330	0816-01-0110	0-1	QBT 4	Zinc	21.4	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Acenaphthylene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Aluminum	1870	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Aniline	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20330	0816-01-0111	2-3	QBT 4	Arsenic	0.3	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Barium	20.3	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Beryllium	0.35	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bromide	0.0388	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Cadmium	0.15	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Calcium	815	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Chloride	9.89	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chromium	2.1	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Cobalt	0.62	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Copper	1.6	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Fluoride	4.19	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	HMX	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Iron	7050	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Lead	2.4	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Magnesium	634	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Manganese	94.4	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Mercury	0.021	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nickel	1.8	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Oxalate	0.369	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Perchlorate	0.0093	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Phenol	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Potassium	297	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	RDX	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Selenium	0.25	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Silver	0.04	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Sodium	94.8	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Sulfate	3.31	-	mg/kg	None
16-20330	0816-01-0111	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20330	0816-01-0111	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20330	0816-01-0111	2-3	QBT 4	Vanadium	3.3	-	mg/kg	J
16-20330	0816-01-0111	2-3	QBT 4	Zinc	19.6	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aluminum	5590	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Antimony	0.93	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Arsenic	0.87	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Barium	31.5	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Cadmium	0.11	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Calcium	1480	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Copper	5.2	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Iron	10600	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Lead	2.6	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Magnesium	916	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Manganese	305	-	mg/kg	J+
16-20516	0816-01-0112	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Potassium	478	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	RDX	0.061	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Selenium	0.7	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Silver	0.07	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Sodium	93.7	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Vanadium	7.1	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Zinc	43.9	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Aluminum	2460	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Antimony	0.99	-	mg/kg	UJ
16-20479	0816-01-0113	0-1	QBT 4	Arsenic	0.41	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Barium	387	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Beryllium	0.84	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Calcium	969	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20479	0816-01-0113	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chromium	2.6	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Copper	3.1	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Iron	10000	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20479	0816-01-0113	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Lead	2	-	mg/kg	None
16-20479	0816-01-0113	0-1	QBT 4	Magnesium	624	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Manganese	308	-	mg/kg	J+
16-20479	0816-01-0113	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nickel	2.3	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Potassium	365	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	RDX	0.11	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Silver	0.039	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Sodium	106	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Thallium	0.014	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20479	0816-01-0113	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20479	0816-01-0113	0-1	QBT 4	Vanadium	5.4	-	mg/kg	J
16-20479	0816-01-0113	0-1	QBT 4	Zinc	39.3	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Aluminum	1620	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20198	0816-01-0114	0-1	QBT 4	Arsenic	1.3	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Barium	326	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Calcium	689	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20198	0816-01-0114	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chromium	2	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Cobalt	1.4	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Copper	4.5	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20198	0816-01-0114	0-1	QBT 4	Iron	7100	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Lead	6.1	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Magnesium	444	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Manganese	188	-	mg/kg	J+
16-20198	0816-01-0114	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nickel	1.9	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Potassium	420	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	RDX	1.4	-	mg/kg	None
16-20198	0816-01-0114	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Silver	0.042	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Sodium	122	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20198	0816-01-0114	0-1	QBT 4	Thallium	0.019	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20198	0816-01-0114	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.067	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Vanadium	2.8	-	mg/kg	J
16-20198	0816-01-0114	0-1	QBT 4	Zinc	27.9	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Aluminum	2120	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20234	0816-01-0115	0-1	QBT 4	Arsenic	0.63	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Barium	263	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Beryllium	0.36	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Calcium	548	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20234	0816-01-0115	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chromium	2.1	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	HMX	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20234	0816-01-0115	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Iron	7690	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Lead	3.4	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Magnesium	414	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Manganese	164	-	mg/kg	J+
16-20234	0816-01-0115	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nickel	1.7	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Potassium	352	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	RDX	0.54	-	mg/kg	None
16-20234	0816-01-0115	0-1	QBT 4	Selenium	0.26	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Silver	0.04	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Sodium	111	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20234	0816-01-0115	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20234	0816-01-0115	0-1	QBT 4	Vanadium	2.6	-	mg/kg	J
16-20234	0816-01-0115	0-1	QBT 4	Zinc	25.3	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Aluminum	3200	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Barium	19.2	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Beryllium	0.63	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Calcium	821	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271	0816-01-0116	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chromium	4.7	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Copper	1.9	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271	0816-01-0116	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Iron	8110	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Lead	3.8	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Magnesium	589	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Manganese	253	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Mercury	0.026	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nickel	2.2	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Potassium	734	-	mg/kg	None
16-20271	0816-01-0116	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Silver	0.56	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271	0816-01-0116	0-1	QBT 4	Sodium	318	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20271	0816-01-0116	0-1	QBT 4	Vanadium	4.1	-	mg/kg	J
16-20271	0816-01-0116	0-1	QBT 4	Zinc	30.3	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Aluminum	1880	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Barium	27.7	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Beryllium	0.8	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20480	0816-01-0117	0-1	QBT 4	Calcium	1130	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chromium	2.5	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20480	0816-01-0117	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Iron	8740	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Lead	1.7	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Magnesium	520	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Manganese	308	-	mg/kg	None
16-20480	0816-01-0117	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nickel	2	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Potassium	296	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Selenium	0.17	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20480	0816-01-0117	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Sodium	181	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20480	0816-01-0117	0-1	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20480	0816-01-0117	0-1	QBT 4	Zinc	31.8	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Acenaphthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Acenaphthylene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Aluminum	6000	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Aniline	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Anthracene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Antimony	0.26	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Arsenic	2.2	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Azobenzene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Barium	315	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Benzyl Alcohol	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Beryllium	0.95	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Butylbenzylphthalate	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0118	0-1	QBT 3	Cadmium	0.018	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Calcium	1130	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chromium	5.1	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Chrysene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Cobalt	2.7	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Copper	3.5	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dibenzofuran	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Diethylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Fluoranthene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Fluorene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachlorobenzene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachlorobutadiene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0118	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Hexachloroethane	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	HMX	0.36	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Iron	11300	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Isophorone	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Lead	3.4	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Magnesium	1120	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Manganese	350	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Mercury	0.048	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Methylphenol[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Methylphenol[4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Naphthalene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nickel	4.1	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrobenzene	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrobenzene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Phenanthrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Phenol	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Potassium	734	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Pyrene	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	RDX	2.7	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0118	0-1	QBT 3	Selenium	0.17	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Silver	0.54	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Sodium	207	-	mg/kg	J
16-20559	0816-01-0118	0-1	QBT 3	Tetryl	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Thallium	0.18	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20559	0816-01-0118	0-1	QBT 3	Vanadium	9.4	-	mg/kg	None
16-20559	0816-01-0118	0-1	QBT 3	Zinc	52.1	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Aluminum	1700	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Antimony	0.24	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Barium	14	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Beryllium	0.89	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0119	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Calcium	505	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chromium	0.67	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0119	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	HMX	0.24	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Iron	7740	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Lead	1.9	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Magnesium	255	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Manganese	280	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Mercury	0.023	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nickel	2	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Potassium	257	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20559	0816-01-0119	2-3	QBT 3	RDX	1.6	-	mg/kg	None
16-20559	0816-01-0119	2-3	QBT 3	Selenium	0.13	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Silver	0.5	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Sodium	75.9	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Thallium	0.17	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20559	0816-01-0119	2-3	QBT 3	Vanadium	3.4	-	mg/kg	J
16-20559	0816-01-0119	2-3	QBT 3	Zinc	30.3	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Aluminum	2340	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Barium	264	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20197	0816-01-0120	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Calcium	733	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chromium	1.4	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Cobalt	1.2	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Copper	0.96	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20197	0816-01-0120	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	HMX	0.28	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Iron	7070	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Lead	3.2	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Magnesium	408	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Manganese	133	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Mercury	0.027	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nickel	1.5	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Potassium	516	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20197	0816-01-0120	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	RDX	1.6	-	mg/kg	None
16-20197	0816-01-0120	0-1	QBT 4	Selenium	0.21	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Sodium	255	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20197	0816-01-0120	0-1	QBT 4	Vanadium	3.6	-	mg/kg	J
16-20197	0816-01-0120	0-1	QBT 4	Zinc	17.6	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Aluminum	3280	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Barium	674	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Beryllium	0.58	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0121	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.21	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Calcium	1220	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chromium	2.6	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Cobalt	1.9	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Copper	3.2	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0121	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	HMX	0.41	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Iron	8370	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Lead	4	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Magnesium	915	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Manganese	225	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Mercury	0.059	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nickel	2.2	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Phenol	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0121	0-1	QBT 4	Potassium	596	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	RDX	0.53	-	mg/kg	None
16-20233	0816-01-0121	0-1	QBT 4	Selenium	0.64	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Sodium	231	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0121	0-1	QBT 4	Vanadium	5.7	-	mg/kg	J
16-20233	0816-01-0121	0-1	QBT 4	Zinc	30.6	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Aluminum	1880	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Aniline	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Antimony	0.28	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Barium	640	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Beryllium	0.64	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0122	2-3	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Calcium	731	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chromium	2.1	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Copper	5.7	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0122	2-3	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	HMX	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Iron	7590	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Lead	2.9	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Magnesium	399	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Manganese	313	-	mg/kg	None
16-20233	0816-01-0122	2-3	QBT 4	Mercury	0.025	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nickel	3.2	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Phenanthrene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20233	0816-01-0122	2-3	QBT 4	Phenol	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Potassium	341	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	RDX	0.14	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Selenium	0.16	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Silver	0.57	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Sodium	298	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20233	0816-01-0122	2-3	QBT 4	Vanadium	4.8	-	mg/kg	J
16-20233	0816-01-0122	2-3	QBT 4	Zinc	25.5	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Aluminum	2880	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Arsenic	2.4	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Barium	18.1	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	UJ
16-20520	0816-01-0123	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20520	0816-01-0123	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Calcium	1260	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chromium	3	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Copper	6.5	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20520	0816-01-0123	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Iron	12100	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Lead	2.3	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Magnesium	731	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Manganese	328	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nickel	3.6	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20520	0816-01-0123	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20520	0816-01-0123	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Potassium	292	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	RDX	0.085	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Selenium	0.36	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Sodium	281	-	mg/kg	J
16-20520	0816-01-0123	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20520	0816-01-0123	0-1	QBT 4	Vanadium	8.1	-	mg/kg	None
16-20520	0816-01-0123	0-1	QBT 4	Zinc	54.4	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Aluminum	4780	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Antimony	0.48	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Arsenic	4.9	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Barium	29.8	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0124	0-1	QBT 4	Beryllium	1.7	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Calcium	1540	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chromium	3.8	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Copper	4.5	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0124	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Iron	13200	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Lead	3.1	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Magnesium	873	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Manganese	362	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Mercury	0.039	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nickel	5.6	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20521	0816-01-0124	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0124	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Potassium	280	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	RDX	1.7	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Selenium	0.14	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Silver	0.18	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Sodium	256	-	mg/kg	J
16-20521	0816-01-0124	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20521	0816-01-0124	0-1	QBT 4	Vanadium	10.3	-	mg/kg	None
16-20521	0816-01-0124	0-1	QBT 4	Zinc	52.1	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Aluminum	4610	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Antimony	0.35	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Arsenic	5	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Barium	29.7	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0125	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Calcium	1290	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chromium	4.2	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Copper	4.5	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0125	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Iron	12500	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Lead	3	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Magnesium	920	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Manganese	359	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Mercury	0.045	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nickel	5.3	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20521	0816-01-0125	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20521	0816-01-0125	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Potassium	406	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Silver	1.4	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Sodium	261	-	mg/kg	J
16-20521	0816-01-0125	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20521	0816-01-0125	0-1	QBT 4	Vanadium	10.4	-	mg/kg	None
16-20521	0816-01-0125	0-1	QBT 4	Zinc	51.3	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Aluminum	5770	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Antimony	0.26	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Arsenic	2.9	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Barium	22.9	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20518	0816-01-0126	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Calcium	1340	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chromium	4.6	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Cobalt	3.1	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Copper	5.5	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20518	0816-01-0126	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Iron	13000	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Lead	2.6	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Magnesium	1080	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Manganese	305	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20518	0816-01-0126	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20518	0816-01-0126	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Potassium	855	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	RDX	0.091	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Selenium	0.29	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Sodium	187	-	mg/kg	J
16-20518	0816-01-0126	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20518	0816-01-0126	0-1	QBT 4	Vanadium	11.1	-	mg/kg	None
16-20518	0816-01-0126	0-1	QBT 4	Zinc	60.1	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Acenaphthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Acenaphthylene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Aluminum	7720	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Aniline	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Anthracene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Antimony	0.34	-	mg/kg	J-
16-20440	0816-01-0127	0-1	ALLH	Arsenic	2.2	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Azobenzene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Barium	145	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Benzoic Acid	0.1	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20440	0816-01-0127	0-1	ALLH	Benzyl Alcohol	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Beryllium	0.7	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Cadmium	0.016	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Calcium	1910	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chromium	10.1	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Chrysene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Cobalt	2.9	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Copper	4.1	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dibenzofuran	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Diethylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Fluoranthene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Fluorene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachlorobenzene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Hexachloroethane	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	HMX	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Iron	12700	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Isophorone	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Lead	7.6	-	mg/kg	J-
16-20440	0816-01-0127	0-1	ALLH	Magnesium	2310	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Manganese	237	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Mercury	0.023	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Methylphenol[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Methylphenol[4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Naphthalene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nickel	5.5	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrobenzene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrobenzene	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Nitrotoluene[4-]	0.26	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20440	0816-01-0127	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Phenanthrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Phenol	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Potassium	1510	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Pyrene	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	RDX	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Selenium	0.28	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Silver	0.47	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Sodium	207	-	mg/kg	J
16-20440	0816-01-0127	0-1	ALLH	Tetryl	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Thallium	0.16	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20440	0816-01-0127	0-1	ALLH	Vanadium	13.9	-	mg/kg	None
16-20440	0816-01-0127	0-1	ALLH	Zinc	40.4	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Aluminum	10400	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.062	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Antimony	0.32	-	mg/kg	J-
16-20404	0816-01-0128	0-1	QBT 4	Arsenic	3.7	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Barium	297	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20404	0816-01-0128	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.099	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Calcium	2090	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chromium	6.7	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Cobalt	11	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Copper	5.9	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	HMX	0.74	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Iron	12600	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Lead	13.8	-	mg/kg	J-
16-20404	0816-01-0128	0-1	QBT 4	Magnesium	1660	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Manganese	842	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nickel	7.2	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20404	0816-01-0128	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Potassium	1290	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	RDX	0.75	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Selenium	0.37	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Sodium	118	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Thallium	0.22	-	mg/kg	J
16-20404	0816-01-0128	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20404	0816-01-0128	0-1	QBT 4	Vanadium	20.4	-	mg/kg	None
16-20404	0816-01-0128	0-1	QBT 4	Zinc	23.1	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Aluminum	9740	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Antimony	0.26	-	mg/kg	UJ
16-20441	0816-01-0129	0-1	QBT 4	Arsenic	2.6	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Barium	415	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20441	0816-01-0129	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Beryllium	0.81	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Calcium	2350	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chromium	7.9	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Cobalt	3.7	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Copper	5	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	HMX	0.1	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Iron	10500	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Lead	11.2	-	mg/kg	J-
16-20441	0816-01-0129	0-1	QBT 4	Magnesium	1400	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Manganese	223	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nickel	5.9	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20441	0816-01-0129	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Potassium	882	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	RDX	0.099	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Selenium	0.34	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Sodium	138	-	mg/kg	J
16-20441	0816-01-0129	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20441	0816-01-0129	0-1	QBT 4	Vanadium	13.4	-	mg/kg	None
16-20441	0816-01-0129	0-1	QBT 4	Zinc	23.1	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Aluminum	6780	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Antimony	0.4	-	mg/kg	J-
16-20196	0816-01-0130	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Barium	1250	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20196	0816-01-0130	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Beryllium	0.67	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.16	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Calcium	1950	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chromium	5.6	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Copper	11.2	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20196	0816-01-0130	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	HMX	5.8	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Iron	9620	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Lead	13.5	-	mg/kg	J-
16-20196	0816-01-0130	0-1	QBT 4	Magnesium	1110	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Manganese	195	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Mercury	0.031	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nickel	4.6	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20196	0816-01-0130	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Potassium	786	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	RDX	7.4	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Selenium	0.18	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Sodium	211	-	mg/kg	J
16-20196	0816-01-0130	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20196	0816-01-0130	0-1	QBT 4	Vanadium	10.2	-	mg/kg	None
16-20196	0816-01-0130	0-1	QBT 4	Zinc	38.2	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Aluminum	6240	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20584	0816-01-0131	0-1	QBT 3	Arsenic	2.3	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Barium	35.7	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20584	0816-01-0131	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Beryllium	0.98	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Calcium	659	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chromium	5.6	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Cobalt	2.1	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Copper	2.3	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20584	0816-01-0131	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Iron	9320	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Lead	3.9	-	mg/kg	J-
16-20584	0816-01-0131	0-1	QBT 3	Magnesium	868	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Manganese	222	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nickel	4.2	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20584	0816-01-0131	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Potassium	482	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Selenium	0.18	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Sodium	120	-	mg/kg	J
16-20584	0816-01-0131	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20584	0816-01-0131	0-1	QBT 3	Vanadium	8	-	mg/kg	None
16-20584	0816-01-0131	0-1	QBT 3	Zinc	37.6	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Aluminum	4060	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Antimony	0.25	-	mg/kg	UJ
16-20585	0816-01-0132	0-1	QBT 3	Arsenic	1.5	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Barium	68.9	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20585	0816-01-0132	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Beryllium	0.47	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Calcium	500	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chromium	2.1	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Copper	1.7	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20585	0816-01-0132	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	HMX	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Iron	7360	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Lead	3.2	-	mg/kg	J-
16-20585	0816-01-0132	0-1	QBT 3	Magnesium	564	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Manganese	112	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20585	0816-01-0132	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Potassium	363	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	RDX	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Selenium	0.14	-	mg/kg	J
16-20585	0816-01-0132	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Sodium	24.5	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20585	0816-01-0132	0-1	QBT 3	Vanadium	6.1	-	mg/kg	None
16-20585	0816-01-0132	0-1	QBT 3	Zinc	28.4	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Aluminum	8060	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Aniline	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Anthracene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Antimony	0.25	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Arsenic	2.3	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Barium	116	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20547	0816-01-0133	0-1	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Beryllium	0.72	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Cadmium	0.017	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Calcium	2380	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chromium	6.4	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Chrysene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Cobalt	3.6	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Copper	3.9	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20547	0816-01-0133	0-1	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Fluorene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Iron	11100	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Isophorone	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Lead	8.4	-	mg/kg	J-
16-20547	0816-01-0133	0-1	ALLH	Magnesium	1550	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Manganese	382	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nickel	5.3	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20547	0816-01-0133	0-1	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Phenol	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Potassium	1040	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Pyrene	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	RDX	0.084	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Selenium	0.3	-	mg/kg	J
16-20547	0816-01-0133	0-1	ALLH	Silver	0.5	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Sodium	93.3	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Thallium	0.017	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20547	0816-01-0133	0-1	ALLH	Vanadium	13.4	-	mg/kg	None
16-20547	0816-01-0133	0-1	ALLH	Zinc	31.7	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Aluminum	3270	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Antimony	0.3	-	mg/kg	J-
16-20476	0816-01-0134	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20476	0816-01-0134	0-1	QBT 4	Barium	44.8	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Calcium	1450	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chromium	4.8	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Copper	2.2	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20476	0816-01-0134	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	HMX	0.15	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Iron	9820	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Lead	3.5	-	mg/kg	J-
16-20476	0816-01-0134	0-1	QBT 4	Magnesium	767	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Manganese	245	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nickel	3.2	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20476	0816-01-0134	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Potassium	469	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	RDX	0.14	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Selenium	0.22	-	mg/kg	J
16-20476	0816-01-0134	0-1	QBT 4	Silver	0.51	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Sodium	105	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20476	0816-01-0134	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20476	0816-01-0134	0-1	QBT 4	Zinc	29.3	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Acenaphthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Acenaphthylene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Aluminum	7640	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Aniline	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Anthracene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Antimony	0.24	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Arsenic	2.2	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20619	0816-01-0135	0-1	ALLH	Azobenzene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Barium	120	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Beryllium	0.67	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Cadmium	0.016	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Calcium	2650	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Chromium	6.3	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Chrysene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Cobalt	4	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Copper	4.5	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dibenzofuran	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Diethylphthalate	0.36	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20619	0816-01-0135	0-1	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Fluoranthene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Fluorene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachlorobenzene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Hexachloroethane	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Iron	10700	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Isophorone	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Lead	8.3	-	mg/kg	J-
16-20619	0816-01-0135	0-1	ALLH	Magnesium	1430	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Manganese	374	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Mercury	0.021	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Methylphenol[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Methylphenol[4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Naphthalene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nickel	5	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrobenzene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20619	0816-01-0135	0-1	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Phenanthrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Phenol	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Potassium	1270	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Pyrene	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	RDX	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Selenium	0.3	-	mg/kg	J
16-20619	0816-01-0135	0-1	ALLH	Silver	0.48	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Sodium	79.9	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Thallium	0.16	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	UJ
16-20619	0816-01-0135	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20619	0816-01-0135	0-1	ALLH	Vanadium	13.9	-	mg/kg	None
16-20619	0816-01-0135	0-1	ALLH	Zinc	28.8	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Aluminum	4440	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Antimony	0.27	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0136	0-1	QBT 4	Arsenic	3.4	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Barium	376	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Beryllium	0.68	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Calcium	901	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chromium	3.1	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Cobalt	1.8	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0136	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	HMX	0.61	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Iron	8800	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Lead	4.7	-	mg/kg	J-
16-20270	0816-01-0136	0-1	QBT 4	Magnesium	721	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Manganese	177	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nickel	2.8	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0136	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Potassium	458	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	RDX	0.49	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Selenium	0.24	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Sodium	213	-	mg/kg	J
16-20270	0816-01-0136	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0136	0-1	QBT 4	Vanadium	6.4	-	mg/kg	None
16-20270	0816-01-0136	0-1	QBT 4	Zinc	23.9	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Aluminum	2510	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0137	0-1	QBT 4	Antimony	0.27	-	mg/kg	UJ
16-20270	0816-01-0137	0-1	QBT 4	Arsenic	3.3	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Barium	216	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Beryllium	0.56	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Calcium	736	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chromium	1.7	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Copper	2.3	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0137	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	HMX	0.25	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Iron	8370	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Lead	4.4	-	mg/kg	J-
16-20270	0816-01-0137	0-1	QBT 4	Magnesium	537	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Manganese	167	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nickel	2.4	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0137	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Potassium	478	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	RDX	0.3	-	mg/kg	None
16-20270	0816-01-0137	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Sodium	240	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20270	0816-01-0137	0-1	QBT 4	Vanadium	5.5	-	mg/kg	J
16-20270	0816-01-0137	0-1	QBT 4	Zinc	25.6	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Aluminum	1710	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Aniline	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0138	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Antimony	0.28	-	mg/kg	UJ
16-20270	0816-01-0138	2-3	QBT 4	Arsenic	3.1	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Barium	71.1	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Beryllium	0.63	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Cadmium	0.094	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Calcium	832	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chromium	2	-	mg/kg	None
16-20270	0816-01-0138	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Cobalt	1.4	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Copper	2.7	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0138	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	UJ
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	HMX	0.2	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Iron	7000	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Lead	4	-	mg/kg	J-
16-20270	0816-01-0138	2-3	QBT 4	Magnesium	389	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Manganese	172	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nickel	2.5	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0138	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Potassium	291	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	RDX	0.16	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Selenium	0.21	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Sodium	221	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0138	2-3	QBT 4	Vanadium	3.6	-	mg/kg	J
16-20270	0816-01-0138	2-3	QBT 4	Zinc	22.5	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Aluminum	2060	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0139	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Antimony	0.27	-	mg/kg	UJ
16-20270	0816-01-0139	2-3	QBT 4	Arsenic	3.8	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Barium	93	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Beryllium	0.78	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Calcium	846	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chromium	2.8	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Cobalt	1.9	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Copper	5.2	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	UJ
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	HMX	0.23	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Iron	9300	-	mg/kg	None
16-20270	0816-01-0139	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Lead	5.6	-	mg/kg	J-
16-20270	0816-01-0139	2-3	QBT 4	Magnesium	541	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Manganese	333	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Mercury	21	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20270	0816-01-0139	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Potassium	323	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	RDX	0.17	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Selenium	0.16	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Sodium	242	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20270	0816-01-0139	2-3	QBT 4	Vanadium	4.5	-	mg/kg	J
16-20270	0816-01-0139	2-3	QBT 4	Zinc	27.7	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Aluminum	2030	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271T	0816-01-0140	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Antimony	0.26	-	mg/kg	UJ
16-20271T	0816-01-0140	0-1	QBT 4	Arsenic	2.2	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Barium	274	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Beryllium	0.54	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Cadmium	0.091	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Calcium	817	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chromium	1.9	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Copper	1.4	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	HMX	0.19	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Iron	8330	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Lead	3.1	-	mg/kg	J-
16-20271T	0816-01-0140	0-1	QBT 4	Magnesium	516	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Manganese	243	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nickel	2	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20271T	0816-01-0140	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Potassium	273	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20271T	0816-01-0140	0-1	QBT 4	Selenium	0.25	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Silver	0.53	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Sodium	214	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20271T	0816-01-0140	0-1	QBT 4	Vanadium	4.7	-	mg/kg	J
16-20271T	0816-01-0140	0-1	QBT 4	Zinc	20.5	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Aluminum	3550	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0141	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Antimony	0.29	-	mg/kg	J-
16-20560	0816-01-0141	0-1	QBT 3	Arsenic	3.9	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Barium	571	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Beryllium	2.2	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Calcium	810	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chromium	1.7	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Cobalt	2.7	-	mg/kg	J
16-20560	0816-01-0141	0-1	QBT 3	Copper	4.9	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	UJ
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	HMX	0.4	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Iron	12600	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Lead	3	-	mg/kg	J-
16-20560	0816-01-0141	0-1	QBT 3	Magnesium	674	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Manganese	573	-	mg/kg	J
16-20560	0816-01-0141	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0141	0-1	QBT 3	Nickel	5.4	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Potassium	262	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	RDX	1.8	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Selenium	0.26	-	mg/kg	J
16-20560	0816-01-0141	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Sodium	76	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20560	0816-01-0141	0-1	QBT 3	Vanadium	9	-	mg/kg	None
16-20560	0816-01-0141	0-1	QBT 3	Zinc	39.6	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0142	2-3	QBT 3	Aluminum	1720	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20560	0816-01-0142	2-3	QBT 3	Arsenic	1.9	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Barium	15.3	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Beryllium	0.88	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Cadmium	0.016	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Calcium	671	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chromium	1.5	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Cobalt	1.4	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Copper	2.4	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0142	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	HMX	0.21	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Iron	8790	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Lead	2.4	-	mg/kg	J-
16-20560	0816-01-0142	2-3	QBT 3	Magnesium	511	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Manganese	321	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20560	0816-01-0142	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nickel	1.8	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Potassium	253	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	RDX	0.78	-	mg/kg	None
16-20560	0816-01-0142	2-3	QBT 3	Selenium	0.21	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Sodium	124	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20560	0816-01-0142	2-3	QBT 3	Vanadium	3.8	-	mg/kg	J
16-20560	0816-01-0142	2-3	QBT 3	Zinc	33.5	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aluminum	1570	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0143	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Barium	8.6	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromide	0.0328	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Calcium	395	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Chloride	7.73	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chromium	0.48	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Copper	1.7	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoride	1.57	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Iron	7010	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Lead	2.4	-	mg/kg	J-
16-20554	0816-01-0143	0-1	QBT 4	Magnesium	173	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Manganese	286	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nickel	0.91	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxalate	0.312	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Perchlorate	0.0157	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Potassium	253	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	RDX	0.24	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Sulfate	81.6	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Vanadium	2.7	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Zinc	31.9	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Aluminum	1900	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Aniline	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Barium	11.2	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Beryllium	0.62	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Bromide	0.033	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Calcium	461	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Chloride	5.75	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Chromium	0.51	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chrysene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Fluorene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Fluoride	2.73	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Iron	7390	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Isophorone	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Lead	2.9	-	mg/kg	J-
16-20554	0816-01-0144	0-1	QBT 4	Magnesium	202	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Manganese	270	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nickel	1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxalate	3.68	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Perchlorate	0.0158	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Potassium	254	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	RDX	0.42	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Sulfate	46.7	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Vanadium	3.4	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Zinc	32.9	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Aluminum	1100	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Barium	7.8	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Beryllium	0.51	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Cadmium	0.019	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Calcium	379	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Chloride	8	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chromium	0.32	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Copper	1.9	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Fluoride	0.717	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Iron	7140	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Lead	2.6	-	mg/kg	J-
16-20554	0816-01-0145	2-3	QBT 3	Magnesium	126	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Manganese	256	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	RDX	0.093	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Sodium	136	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Sulfate	157	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Vanadium	2.8	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Zinc	34.4	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Aluminum	1290	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0146	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Barium	10.3	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Beryllium	0.49	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Calcium	427	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Chloride	9.29	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chromium	0.41	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Copper	1.8	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluoride	0.833	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Iron	7190	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Lead	3.5	-	mg/kg	J-
16-20554	0816-01-0146	2-3	QBT 3	Magnesium	149	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Manganese	339	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nickel	0.93	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	RDX	0.097	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Sodium	139	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Sulfate	161	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Vanadium	3	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Zinc	35.2	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Aluminum	2630	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Anthracene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Antimony	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0147	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Barium	1040	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Beryllium	0.35	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Cadmium	0.02	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Calcium	1650	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Chromium	1.9	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Chrysene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Copper	4.3	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0147	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Fluorene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	HMX	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Iron	6610	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Isophorone	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Lead	3.7	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Magnesium	578	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Manganese	126	-	mg/kg	None
16-20189	0816-01-0147	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nickel	2.5	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0147	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Potassium	620	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Pyrene	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	RDX	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Sodium	170	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Thallium	0.2	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0147	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20189	0816-01-0147	0-1	QBT 4	Vanadium	4.6	-	mg/kg	J
16-20189	0816-01-0147	0-1	QBT 4	Zinc	14.1	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Aluminum	2290	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Aniline	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Anthracene	0.44	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0148	2-3	QBT 4	Antimony	0.3	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Barium	1160	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzoic Acid	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Beryllium	0.43	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Cadmium	0.02	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Calcium	781	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chromium	2.1	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Chromium hexavalent ion	0.54	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Copper	5.2	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dibenzofuran	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0148	2-3	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrobenzene[1,3-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrophenol[2,4-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachlorocyclopentadiene	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	HMX	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Iron	6790	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Lead	2.7	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Magnesium	494	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Manganese	135	-	mg/kg	None
16-20189	0816-01-0148	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Naphthalene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nickel	2.9	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Nitroaniline[2-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitroaniline[3-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitroaniline[4-]	2.2	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0148	2-3	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrophenol[4-]	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrosodimethylamine[N-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrotoluene[2-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrotoluene[3-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Nitrotoluene[4-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Pentachlorophenol	2.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Phenol	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Potassium	470	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Pyrene	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	RDX	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Selenium	0.21	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Silver	0.61	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Sodium	207	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Tetryl	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Thallium	0.2	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.34	-	mg/kg	U
16-20189	0816-01-0148	2-3	QBT 4	Vanadium	3.9	-	mg/kg	J
16-20189	0816-01-0148	2-3	QBT 4	Zinc	15.5	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Aluminum	5810	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Aniline	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0149	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Arsenic	2	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Barium	35.6	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Beryllium	3.1	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Calcium	1410	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chromium	4.5	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Copper	5.6	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0149	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Iron	11000	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Lead	2.7	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Magnesium	1150	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Manganese	349	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0149	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Potassium	542	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Sodium	199	-	mg/kg	J
16-20481	0816-01-0149	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20481	0816-01-0149	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20481	0816-01-0149	0-1	QBT 4	Zinc	42.6	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Aluminum	3090	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0150	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Barium	20.7	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Calcium	1260	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chromium	3.8	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Copper	3.7	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Iron	10200	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Lead	1.7	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Magnesium	722	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Manganese	285	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nickel	2.2	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20481	0816-01-0150	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Potassium	333	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Sodium	208	-	mg/kg	J
16-20481	0816-01-0150	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20481	0816-01-0150	0-1	QBT 4	Vanadium	7.6	-	mg/kg	None
16-20481	0816-01-0150	0-1	QBT 4	Zinc	39.2	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Aluminum	4830	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Aniline	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Anthracene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Barium	445	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Bromide	0.038	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Calcium	1380	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Chloride	9.78	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Chromium	3.3	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Chrysene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Copper	3.2	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	UJ



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Fluorene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Fluoride	2.39	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	HMX	0.33	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Iron	10500	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Isophorone	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Lead	2.3	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Magnesium	860	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Manganese	432	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nickel	4.3	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Oxalate	0.361	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Perchlorate	0.036	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Potassium	324	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Pyrene	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	RDX	0.44	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Selenium	0.3	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Sodium	103	-	mg/kg	J
16-20478	0816-01-0151	0-1	QBT 4	Sulfate	4.69	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	UJ
16-20478	0816-01-0151	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0151	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0151	0-1	QBT 4	Vanadium	8	-	mg/kg	None
16-20478	0816-01-0151	0-1	QBT 4	Zinc	39.7	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Aluminum	3460	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Antimony	0.27	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Arsenic	1.9	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Barium	50.3	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bromide	0.0378	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Calcium	1200	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Chloride	4.38	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0152	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chromium	6	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Cobalt	3.2	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Copper	2.9	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Fluoride	1.66	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	HMX	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Iron	13300	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0152	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Lead	3.9	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Magnesium	1690	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Manganese	537	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nickel	4.5	-	mg/kg	J
16-20478	0816-01-0152	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Oxalate	0.359	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Perchlorate	0.00904	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Potassium	1060	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Selenium	0.15	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Sodium	251	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20478	0816-01-0152	2-3	QBT 4	Sulfate	1.98	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Thallium	0.19	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20478	0816-01-0152	2-3	QBT 4	Vanadium	14.1	-	mg/kg	None
16-20478	0816-01-0152	2-3	QBT 4	Zinc	85.1	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Aluminum	2360	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Arsenic	1.8	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Barium	112	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Beryllium	0.47	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20487	0816-01-0154	0-1	QBT 4	Calcium	1220	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chromium	5.8	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Copper	2.2	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20487	0816-01-0154	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	HMX	0.33	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Iron	10000	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Lead	2.9	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Magnesium	697	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Manganese	327	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Potassium	538	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Selenium	0.2	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20487	0816-01-0154	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Sodium	183	-	mg/kg	J
16-20487	0816-01-0154	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20487	0816-01-0154	0-1	QBT 4	Vanadium	7.6	-	mg/kg	None
16-20487	0816-01-0154	0-1	QBT 4	Zinc	46.8	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Aluminum	4280	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Arsenic	2.1	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Barium	22.8	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Beryllium	2.4	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20482	0816-01-0155	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Calcium	1400	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chromium	3.3	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Copper	5.9	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20482	0816-01-0155	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Iron	11100	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Lead	2.7	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Magnesium	812	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Manganese	340	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Potassium	507	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	RDX	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20482	0816-01-0155	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Sodium	146	-	mg/kg	J
16-20482	0816-01-0155	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20482	0816-01-0155	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20482	0816-01-0155	0-1	QBT 4	Zinc	41.4	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Aluminum	2180	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Aniline	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Anthracene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Antimony	0.23	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Barium	12.6	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20483	0816-01-0156	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Calcium	939	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Chromium	2.4	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Chrysene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Fluorene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20483	0816-01-0156	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Iron	8280	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Isophorone	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Lead	2.1	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Magnesium	523	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Manganese	227	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nickel	2.3	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrosodimethylamine[N-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Potassium	266	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Pyrene	0.35	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20483	0816-01-0156	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Selenium	0.14	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Silver	0.47	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Sodium	91.9	-	mg/kg	J
16-20483	0816-01-0156	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	UJ
16-20483	0816-01-0156	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20483	0816-01-0156	0-1	QBT 4	Vanadium	5.5	-	mg/kg	None
16-20483	0816-01-0156	0-1	QBT 4	Zinc	38	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Aluminum	2640	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Barium	544	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Beryllium	0.58	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20488	0816-01-0157	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Calcium	1130	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chromium	3.1	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Copper	3.3	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20488	0816-01-0157	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Iron	9290	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Lead	12.4	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Magnesium	639	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Manganese	259	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Potassium	309	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20488	0816-01-0157	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	RDX	2.3	-	mg/kg	None
16-20488	0816-01-0157	0-1	QBT 4	Selenium	0.22	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Sodium	188	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20488	0816-01-0157	0-1	QBT 4	Vanadium	6.2	-	mg/kg	J
16-20488	0816-01-0157	0-1	QBT 4	Zinc	42.7	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Aluminum	4640	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Antimony	0.44	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Arsenic	2.3	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Barium	29.5	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20519	0816-01-0158	0-1	QBT 4	Beryllium	2	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20519	0816-01-0158	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Cadmium	0.018	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Calcium	1440	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chromium	4.5	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Copper	4.3	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20519	0816-01-0158	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Iron	13100	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Lead	1.9	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Magnesium	1180	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Manganese	344	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nickel	3.9	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20519	0816-01-0158	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Phenol	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20519	0816-01-0158	0-1	QBT 4	Potassium	989	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	RDX	0.054	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Selenium	0.2	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Sodium	266	-	mg/kg	J
16-20519	0816-01-0158	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20519	0816-01-0158	0-1	QBT 4	Vanadium	10.8	-	mg/kg	None
16-20519	0816-01-0158	0-1	QBT 4	Zinc	65.1	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Aluminum	3700	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.094	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.071	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Antimony	0.39	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Arsenic	2.5	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Barium	587	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	UJ
16-20524	0816-01-0159	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20524	0816-01-0159	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Calcium	1160	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chromium	4.7	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Copper	4.8	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20524	0816-01-0159	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	HMX	0.49	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Iron	11900	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Lead	2.5	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Magnesium	765	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Manganese	396	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Mercury	0.038	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nickel	4.2	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20524	0816-01-0159	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20524	0816-01-0159	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Potassium	526	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	RDX	0.61	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Selenium	0.22	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Sodium	319	-	mg/kg	J
16-20524	0816-01-0159	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20524	0816-01-0159	0-1	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20524	0816-01-0159	0-1	QBT 4	Zinc	49.8	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Aluminum	2850	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Antimony	0.28	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Arsenic	2.3	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Barium	1480	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20522	0816-01-0160	0-1	QBT 4	Beryllium	0.76	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20522	0816-01-0160	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Calcium	1160	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chromium	3.8	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Copper	3.9	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20522	0816-01-0160	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	HMX	0.98	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Iron	10900	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Lead	2.5	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Magnesium	611	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Manganese	332	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nickel	3.9	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20522	0816-01-0160	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20522	0816-01-0160	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Potassium	602	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	RDX	6.2	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Selenium	0.15	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Sodium	373	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Thallium	0.018	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.052	-	mg/kg	J
16-20522	0816-01-0160	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20522	0816-01-0160	0-1	QBT 4	Vanadium	7.6	-	mg/kg	None
16-20522	0816-01-0160	0-1	QBT 4	Zinc	44.8	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Acenaphthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Acenaphthylene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Aluminum	8800	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.42	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Aniline	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Anthracene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Antimony	0.46	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Arsenic	2.9	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Azobenzene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Barium	1730	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzoic Acid	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Benzyl Alcohol	0.42	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20387	0816-01-0161	0-1	ALLH	Beryllium	0.68	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Cadmium	0.016	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Calcium	1830	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chromium	6.6	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Chrysene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Cobalt	4.2	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Copper	20.7	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dibenzofuran	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Diethylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20387	0816-01-0161	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Fluoranthene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Fluorene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachlorobenzene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Hexachloroethane	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	HMX	10	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Iron	11500	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Isophorone	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Lead	18.5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Magnesium	1300	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Manganese	229	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Mercury	0.036	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Methylphenol[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Methylphenol[4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Naphthalene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nickel	5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20387	0816-01-0161	0-1	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrobenzene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20387	0816-01-0161	0-1	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Phenanthrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Phenol	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Potassium	1020	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Pyrene	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	RDX	2.2	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Selenium	0.23	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Silver	1.5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Sodium	204	-	mg/kg	J
16-20387	0816-01-0161	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Thallium	0.016	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20387	0816-01-0161	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Vanadium	13.5	-	mg/kg	None
16-20387	0816-01-0161	0-1	ALLH	Zinc	56.5	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Aluminum	12200	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Antimony	0.43	-	mg/kg	J-
16-20346	0816-01-0162	0-1	Fill	Arsenic	4.8	-	mg/kg	J-
16-20346	0816-01-0162	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Barium	170	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0162	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Beryllium	1.1	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Calcium	1880	-	mg/kg	
16-20346	0816-01-0162	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chromium	7.4	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Cobalt	10.3	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Copper	7.8	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Iron	18800	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Lead	13.2	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Magnesium	1480	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Manganese	633	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nickel	6.5	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0162	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Potassium	1220	-	mg/kg	None
16-20346	0816-01-0162	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Selenium	0.26	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Sodium	113	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Thallium	0.47	-	mg/kg	J
16-20346	0816-01-0162	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20346	0816-01-0162	0-1	Fill	Vanadium	28.3	-	mg/kg	J-
16-20346	0816-01-0162	0-1	Fill	Zinc	28.3	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Aluminum	10200	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Aniline	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Anthracene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Antimony	0.65	-	mg/kg	J-
16-20346	0816-01-0163	3.5-4.5	Fill	Arsenic	2.7	-	mg/kg	J-
16-20346	0816-01-0163	3.5-4.5	Fill	Azobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Barium	202	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(a)anthracene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0163	3.5-4.5	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Beryllium	0.7	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Butylbenzylphthalate	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Cadmium	0.017	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Calcium	24000	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chromium	8.3	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Chrysene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Cobalt	4.7	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Copper	11.3	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,6-]	0.15	-	mg/kg	J+
16-20346	0816-01-0163	3.5-4.5	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Di-n-octylphthalate	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Fluorene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	HMX	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	Iron	10400	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Isophorone	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Lead	13.8	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Magnesium	1770	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Manganese	307	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Mercury	0.022	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Naphthalene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nickel	7.2	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20346	0816-01-0163	3.5-4.5	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Phenol	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Potassium	1500	-	mg/kg	None
16-20346	0816-01-0163	3.5-4.5	Fill	Pyrene	0.38	-	mg/kg	UJ
16-20346	0816-01-0163	3.5-4.5	Fill	RDX	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Selenium	0.14	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Silver	0.73	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Sodium	202	-	mg/kg	J
16-20346	0816-01-0163	3.5-4.5	Fill	Tetryl	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Thallium	0.17	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20346	0816-01-0163	3.5-4.5	Fill	Vanadium	20	-	mg/kg	J-
16-20346	0816-01-0163	3.5-4.5	Fill	Zinc	47.8	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Aluminum	9870	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.063	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.7	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Antimony	0.38	-	mg/kg	J-
16-20376	0816-01-0164	0-1	Fill	Arsenic	3	-	mg/kg	J-
16-20376	0816-01-0164	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Barium	513	-	mg/kg	J+
16-20376	0816-01-0164	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0164	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Beryllium	0.78	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Cadmium	0.016	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Calcium	3650	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chromium	6.4	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Chrysene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Cobalt	4.3	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Copper	8.7	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrobenzene[1,3-]	0.11	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	J+
16-20376	0816-01-0164	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	HMX	2	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	Iron	11400	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Lead	13.9	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Magnesium	1520	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Manganese	293	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Mercury	0.023	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Methylnaphthalene[2-]	0.04	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nickel	5.5	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0164	0-1	Fill	Nitrotoluene[3-]	0.14	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Nitrotoluene[4-]	0.14	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Potassium	1330	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Pyrene	0.38	-	mg/kg	UJ
16-20376	0816-01-0164	0-1	Fill	RDX	2.1	-	mg/kg	None
16-20376	0816-01-0164	0-1	Fill	Selenium	0.32	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Silver	0.49	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Sodium	163	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Tetryl	0.12	-	mg/kg	J
16-20376	0816-01-0164	0-1	Fill	Thallium	0.16	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20376	0816-01-0164	0-1	Fill	Vanadium	15.3	-	mg/kg	J-
16-20376	0816-01-0164	0-1	Fill	Zinc	40.2	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Aluminum	3480	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Antimony	0.28	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Arsenic	2.2	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Barium	285	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20523	0816-01-0165	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20523	0816-01-0165	0-1	QBT 4	Beryllium	0.63	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Cadmium	0.019	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Calcium	1170	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chromium	4	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Copper	3.9	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20523	0816-01-0165	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	HMX	0.33	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Iron	12000	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Lead	5.7	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Magnesium	660	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Manganese	364	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20523	0816-01-0165	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20523	0816-01-0165	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Potassium	669	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	RDX	1.4	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Sodium	334	-	mg/kg	J
16-20523	0816-01-0165	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Thallium	0.19	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20523	0816-01-0165	0-1	QBT 4	Vanadium	8.7	-	mg/kg	None
16-20523	0816-01-0165	0-1	QBT 4	Zinc	50.3	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Acenaphthene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Acenaphthylene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Aluminum	9680	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.096	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.46	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Aniline	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Anthracene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Antimony	0.25	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Arsenic	2.8	-	mg/kg	J-
16-20376	0816-01-0166	0-1	Fill	Azobenzene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Barium	415	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Benzo(a)pyrene	0.39	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0166	0-1	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Benzyl Alcohol	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Beryllium	0.78	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Calcium	2840	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chromium	6.4	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Chrysene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Cobalt	4.1	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Copper	7.3	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Dibenzofuran	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Diethylphthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0166	0-1	Fill	Dinitrobenzene[1,3-]	0.17	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,6-]	0.45	-	mg/kg	J+
16-20376	0816-01-0166	0-1	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Fluoranthene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Fluorene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachlorobenzene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Hexachloroethane	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	HMX	2	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20376	0816-01-0166	0-1	Fill	Iron	11700	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Isophorone	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Lead	11.8	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Magnesium	1530	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Manganese	342	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Mercury	0.02	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Naphthalene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nickel	5.7	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrobenzene	0.055	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Nitrobenzene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376	0816-01-0166	0-1	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Phenanthrene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Phenol	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Potassium	1280	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Pyrene	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	RDX	2.3	-	mg/kg	None
16-20376	0816-01-0166	0-1	Fill	Selenium	0.27	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Sodium	159	-	mg/kg	J
16-20376	0816-01-0166	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20376	0816-01-0166	0-1	Fill	Vanadium	14.8	-	mg/kg	J+
16-20376	0816-01-0166	0-1	Fill	Zinc	39.3	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Aluminum	9760	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.066	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Antimony	0.41	-	mg/kg	J-
16-20239	0816-01-0168	0-1	Fill	Arsenic	2.1	-	mg/kg	J-
16-20239	0816-01-0168	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Barium	170	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0168	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Beryllium	0.73	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Calcium	2060	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chromium	5.7	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Cobalt	3.1	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Copper	5.8	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0168	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	HMX	1.1	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Iron	9770	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Lead	7.7	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Magnesium	1390	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Manganese	187	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Mercury	0.02	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nickel	5.4	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0168	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Potassium	1020	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	RDX	0.86	-	mg/kg	None
16-20239	0816-01-0168	0-1	Fill	Selenium	0.14	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Silver	0.53	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Sodium	128	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Tetryl	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Thallium	0.28	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20239	0816-01-0168	0-1	Fill	Trinitrotoluene[2,4,6-]	0.14	-	mg/kg	J
16-20239	0816-01-0168	0-1	Fill	Vanadium	13	-	mg/kg	J-
16-20239	0816-01-0168	0-1	Fill	Zinc	23	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Aluminum	18100	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Antimony	0.45	-	mg/kg	J-
16-20239	0816-01-0169	0-1	Fill	Arsenic	3.8	-	mg/kg	J-
16-20239	0816-01-0169	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Barium	163	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0169	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Beryllium	1.2	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Calcium	3840	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chromium	11.3	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Cobalt	5.8	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Copper	8.3	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0169	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	UJ
16-20239	0816-01-0169	0-1	Fill	Iron	16800	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Lead	12.8	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Magnesium	2420	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Manganese	279	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Mercury	0.022	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nickel	9	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-01-0169	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Potassium	1450	-	mg/kg	None
16-20239	0816-01-0169	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Selenium	0.34	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Silver	0.54	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Sodium	159	-	mg/kg	J
16-20239	0816-01-0169	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Thallium	0.18	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20239	0816-01-0169	0-1	Fill	Vanadium	26.7	-	mg/kg	J-
16-20239	0816-01-0169	0-1	Fill	Zinc	33.6	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Aluminum	11800	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.81	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Aniline	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Antimony	0.42	-	mg/kg	J-
16-20337	0816-01-0170	0-1	QBT 4	Arsenic	4.9	-	mg/kg	J-
16-20337	0816-01-0170	0-1	QBT 4	Azobenzene	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0170	0-1	QBT 4	Barium	131	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Calcium	2970	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chromium	8.5	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Cobalt	5.9	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Copper	3.9	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0170	0-1	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrobenzene[1,3-]	0.044	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	J+
16-20337	0816-01-0170	0-1	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Hexachloroethane	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	HMX	0.92	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	UJ
16-20337	0816-01-0170	0-1	QBT 4	Iron	16300	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Lead	16.9	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Magnesium	1900	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Manganese	451	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nickel	6.3	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0170	0-1	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrosodiethylamine[N-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Nitrotoluene[4-]	0.11	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Phenol	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Potassium	1950	-	mg/kg	None
16-20337	0816-01-0170	0-1	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	RDX	0.1	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Selenium	0.39	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Sodium	230	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Tetryl	0.093	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.17	-	mg/kg	J
16-20337	0816-01-0170	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20337	0816-01-0170	0-1	QBT 4	Vanadium	24.7	-	mg/kg	J-
16-20337	0816-01-0170	0-1	QBT 4	Zinc	38.8	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Aluminum	13500	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.048	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Aniline	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Antimony	0.37	-	mg/kg	J-
16-20337	0816-01-0171	4-5	QBT 4	Arsenic	3.6	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0171	4-5	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Barium	413	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Beryllium	0.91	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Cadmium	0.015	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Calcium	3760	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chromium	10.4	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Cobalt	7.2	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Copper	9	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Diethylphthalate	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0171	4-5	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	HMX	1.6	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20337	0816-01-0171	4-5	QBT 4	Iron	14400	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Lead	22.9	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Magnesium	2200	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Manganese	266	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Mercury	0.026	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nickel	7.3	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrobenzene	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0171	4-5	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Phenol	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Potassium	1370	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	RDX	1.3	-	mg/kg	None
16-20337	0816-01-0171	4-5	QBT 4	Selenium	0.26	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Silver	0.46	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Sodium	171	-	mg/kg	J
16-20337	0816-01-0171	4-5	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Thallium	0.15	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20337	0816-01-0171	4-5	QBT 4	Vanadium	23.2	-	mg/kg	J-
16-20337	0816-01-0171	4-5	QBT 4	Zinc	34.3	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Aluminum	28100	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.055	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.054	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Aniline	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Antimony	0.34	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0172	5-6	QBT 4	Arsenic	5.3	-	mg/kg	J-
16-20337	0816-01-0172	5-6	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Barium	155	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Calcium	5870	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chromium	18.7	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Cobalt	5.4	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Copper	10.8	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0172	5-6	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	HMX	1.2	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Iron	16100	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Lead	13.7	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Magnesium	4530	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Manganese	154	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Mercury	0.049	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nickel	13.2	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrobenzene	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20337	0816-01-0172	5-6	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Phenol	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Potassium	1900	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	RDX	1.3	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Selenium	0.44	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Silver	0.49	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Sodium	326	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Thallium	0.16	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20337	0816-01-0172	5-6	QBT 4	Trinitrotoluene[2,4,6-]	0.043	-	mg/kg	J
16-20337	0816-01-0172	5-6	QBT 4	Vanadium	36.7	-	mg/kg	None
16-20337	0816-01-0172	5-6	QBT 4	Zinc	42.7	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Acenaphthene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Acenaphthylene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Aluminum	12600	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.19	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Aniline	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Anthracene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0174	0-1	Fill	Antimony	0.35	-	mg/kg	J-
16-20340	0816-01-0174	0-1	Fill	Arsenic	3.3	-	mg/kg	J-
16-20340	0816-01-0174	0-1	Fill	Azobenzene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Barium	223	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Benzo(a)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(a)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Benzoic Acid	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Benzyl Alcohol	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Beryllium	0.91	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Calcium	2350	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chromium	8.3	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Chrysene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Cobalt	4.3	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Copper	6.5	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Dibenzofuran	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0174	0-1	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Diethylphthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrobenzene[1,3-]	0.078	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Di-n-octylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Fluoranthene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Fluorene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachlorobenzene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Hexachloroethane	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	HMX	0.86	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0174	0-1	Fill	Iron	13900	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Isophorone	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Lead	10.5	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Magnesium	1850	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Manganese	247	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Naphthalene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nickel	6.7	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Nitroaniline[2-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitroaniline[3-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitroaniline[4-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0174	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrobenzene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrophenol[4-]	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Pentachlorophenol	2	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Phenanthrene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Phenol	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Potassium	1350	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Pyrene	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	RDX	0.37	-	mg/kg	None
16-20340	0816-01-0174	0-1	Fill	Selenium	0.19	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Sodium	165	-	mg/kg	J
16-20340	0816-01-0174	0-1	Fill	Tetryl	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0174	0-1	Fill	Vanadium	19.1	-	mg/kg	J-
16-20340	0816-01-0174	0-1	Fill	Zinc	33.9	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Acenaphthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Acenaphthylene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Aluminum	12400	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Aniline	0.4	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0175	0-1	Fill	Anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Antimony	0.36	-	mg/kg	J-
16-20340	0816-01-0175	0-1	Fill	Arsenic	2.9	-	mg/kg	J-
16-20340	0816-01-0175	0-1	Fill	Azobenzene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Barium	243	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Benzo(a)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(a)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Beryllium	0.91	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Butylbenzylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Calcium	2470	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Chromium	7.8	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Chrysene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Cobalt	4.3	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Copper	7	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dibenzofuran	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	UJ



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0175	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Diethylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dimethyl Phthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Di-n-butylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrobenzene[1,3-]	0.067	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Di-n-octylphthalate	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Fluoranthene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Fluorene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachlorobenzene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachlorobutadiene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Hexachloroethane	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	HMX	0.54	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Iron	12600	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Isophorone	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Lead	9.8	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Magnesium	1790	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Manganese	253	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Mercury	0.023	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Naphthalene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nickel	6.6	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0175	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrobenzene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrosodiethylamine[N-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Phenanthrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Phenol	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Potassium	1260	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Pyrene	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	RDX	0.39	-	mg/kg	None
16-20340	0816-01-0175	0-1	Fill	Selenium	0.29	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Silver	5.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Sodium	156	-	mg/kg	J
16-20340	0816-01-0175	0-1	Fill	Tetryl	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Thallium	0.18	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	UJ
16-20340	0816-01-0175	0-1	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20340	0816-01-0175	0-1	Fill	Vanadium	17.4	-	mg/kg	J-
16-20340	0816-01-0175	0-1	Fill	Zinc	29	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Acenaphthene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Acenaphthylene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Aluminum	10200	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.071	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0176	2-3	Fill	Aniline	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Anthracene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Antimony	0.61	-	mg/kg	J-
16-20340	0816-01-0176	2-3	Fill	Arsenic	2.5	-	mg/kg	J-
16-20340	0816-01-0176	2-3	Fill	Azobenzene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Barium	1060	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Benzyl Alcohol	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Beryllium	0.77	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Cadmium	0.018	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Calcium	2520	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chromium	6.9	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Chrysene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Cobalt	4	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Copper	21.8	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Dibenzofuran	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Diethylphthalate	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrobenzene[1,3-]	0.046	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Fluoranthene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Fluorene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachlorobenzene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Hexachloroethane	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	HMX	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	Iron	10600	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Isophorone	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Lead	23.8	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Magnesium	1460	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Manganese	187	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Mercury	0.031	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Naphthalene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nickel	5.4	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20340	0816-01-0176	2-3	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrobenzene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Phenanthrene	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Phenol	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Potassium	1070	-	mg/kg	None
16-20340	0816-01-0176	2-3	Fill	Pyrene	0.39	-	mg/kg	UJ
16-20340	0816-01-0176	2-3	Fill	RDX	0.094	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Selenium	0.2	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Silver	0.54	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Sodium	134	-	mg/kg	J
16-20340	0816-01-0176	2-3	Fill	Tetryl	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Thallium	0.18	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20340	0816-01-0176	2-3	Fill	Vanadium	14.5	-	mg/kg	J-
16-20340	0816-01-0176	2-3	Fill	Zinc	42.2	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Aluminum	15200	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0177	5-6	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Aniline	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Antimony	0.4	-	mg/kg	J-
16-20375	0816-01-0177	5-6	QBT 4	Arsenic	3.3	-	mg/kg	J-
16-20375	0816-01-0177	5-6	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Barium	280	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Calcium	4710	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chromium	10.1	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Cobalt	4.1	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Copper	8	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	HMX	0.26	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Iron	15300	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Lead	9.3	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Magnesium	2710	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Manganese	103	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Mercury	0.045	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nickel	8.8	-	mg/kg	

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0177	5-6	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Phenol	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Potassium	1440	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	RDX	0.43	-	mg/kg	None
16-20375	0816-01-0177	5-6	QBT 4	Selenium	0.28	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Silver	0.53	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Sodium	231	-	mg/kg	J
16-20375	0816-01-0177	5-6	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Thallium	0.18	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20375	0816-01-0177	5-6	QBT 4	Vanadium	20.9	-	mg/kg	J-
16-20375	0816-01-0177	5-6	QBT 4	Zinc	25.5	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Aluminum	11000	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0178	7-8	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Aniline	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Antimony	0.35	-	mg/kg	J-
16-20375	0816-01-0178	7-8	QBT 4	Arsenic	3.5	-	mg/kg	J-
16-20375	0816-01-0178	7-8	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Barium	94.3	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Beryllium	0.87	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Calcium	3040	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chromium	7.3	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Cobalt	4.7	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Copper	4.4	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dibenzofuran	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	HMX	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Iron	13100	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Lead	10	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Magnesium	1810	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Manganese	330	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Mercury	0.019	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Methylnaphthalene[2-]	0.058	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Naphthalene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0178	7-8	QBT 4	Nickel	5.8	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Phenol	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Potassium	1630	-	mg/kg	None
16-20375	0816-01-0178	7-8	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	RDX	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Selenium	0.28	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Silver	0.5	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Sodium	247	-	mg/kg	J
16-20375	0816-01-0178	7-8	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Thallium	0.17	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20375	0816-01-0178	7-8	QBT 4	Vanadium	17.7	-	mg/kg	J-
16-20375	0816-01-0178	7-8	QBT 4	Zinc	34.5	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Acenaphthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Acenaphthylene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0179	9-10	QBT 4	Aluminum	2160	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Aniline	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Anthracene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Antimony	0.3	-	mg/kg	J-
16-20375	0816-01-0179	9-10	QBT 4	Arsenic	2.1	-	mg/kg	J-
16-20375	0816-01-0179	9-10	QBT 4	Azobenzene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Barium	30.6	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Benzyl Alcohol	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Beryllium	0.56	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Calcium	1270	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chromium	3.1	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Chrysene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Cobalt	1.9	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Copper	1.9	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Dibenz(a,h)anthracene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0179	9-10	QBT 4	Dibenzofuran	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Diethylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Fluoranthene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Fluorene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachlorobenzene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Hexachloroethane	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	HMX	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Iron	9820	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Isophorone	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Lead	2.4	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Magnesium	742	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Manganese	242	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Mercury	0.017	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Methylphenol[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Methylphenol[4-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20375	0816-01-0179	9-10	QBT 4	Naphthalene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nickel	6.5	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrosodiethylamine[N-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Phenanthrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Phenol	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Potassium	640	-	mg/kg	None
16-20375	0816-01-0179	9-10	QBT 4	Pyrene	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	RDX	0.14	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Selenium	0.26	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Silver	0.47	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Sodium	260	-	mg/kg	J
16-20375	0816-01-0179	9-10	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Thallium	0.16	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20375	0816-01-0179	9-10	QBT 4	Vanadium	6.5	-	mg/kg	J-
16-20375	0816-01-0179	9-10	QBT 4	Zinc	28.3	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0180	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Aluminum	7620	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Antimony	0.42	-	mg/kg	J-
16-20342	0816-01-0180	0-1	Fill	Arsenic	4.3	-	mg/kg	J-
16-20342	0816-01-0180	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Barium	983	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Beryllium	0.77	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Cadmium	0.015	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Calcium	1850	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chromium	6.7	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Cobalt	5.2	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Copper	10.1	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0180	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	HMX	4.6	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Iron	12900	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Lead	15.7	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Magnesium	1280	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Manganese	357	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Mercury	0.032	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0180	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nickel	4.9	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Potassium	897	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	RDX	5.9	-	mg/kg	None
16-20342	0816-01-0180	0-1	Fill	Selenium	0.28	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Silver	0.45	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Sodium	147	-	mg/kg	J
16-20342	0816-01-0180	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Thallium	0.15	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20342	0816-01-0180	0-1	Fill	Vanadium	23.7	-	mg/kg	J-
16-20342	0816-01-0180	0-1	Fill	Zinc	34.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Aluminum	9470	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Antimony	0.38	-	mg/kg	J-
16-20342	0816-01-0181	0-1	Fill	Arsenic	3.8	-	mg/kg	J-
16-20342	0816-01-0181	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Barium	358	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Beryllium	0.92	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Calcium	2420	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chromium	7.5	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Cobalt	8.2	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Copper	6.8	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	HMX	6.1	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Iron	11700	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Lead	12.4	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Magnesium	1670	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Manganese	454	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Mercury	0.043	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nickel	7.2	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Potassium	1060	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	RDX	6.6	-	mg/kg	None
16-20342	0816-01-0181	0-1	Fill	Selenium	0.27	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Silver	0.51	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Sodium	187	-	mg/kg	J
16-20342	0816-01-0181	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20342	0816-01-0181	0-1	Fill	Vanadium	23.4	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0181	0-1	Fill	Zinc	21.2	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Aluminum	4880	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Aniline	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Antimony	0.24	-	mg/kg	UJ
16-20342	0816-01-0182	2-3	Fill	Arsenic	2.6	-	mg/kg	J-
16-20342	0816-01-0182	2-3	Fill	Azobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Barium	79.1	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Beryllium	0.58	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Cadmium	0.017	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Calcium	1410	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chromium	3.6	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Chrysene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0182	2-3	Fill	Cobalt	1.9	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Copper	1.9	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Fluorene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	HMX	0.42	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Iron	8870	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Isophorone	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Lead	5	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Magnesium	856	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Manganese	211	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Mercury	0.018	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0182	2-3	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Naphthalene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nickel	2.8	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Phenol	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Potassium	752	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	RDX	0.53	-	mg/kg	None
16-20342	0816-01-0182	2-3	Fill	Selenium	0.2	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Silver	0.49	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Sodium	239	-	mg/kg	J
16-20342	0816-01-0182	2-3	Fill	Tetryl	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Thallium	0.17	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20342	0816-01-0182	2-3	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0182	2-3	Fill	Vanadium	8	-	mg/kg	J-
16-20342	0816-01-0182	2-3	Fill	Zinc	22.9	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Aluminum	4900	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Aniline	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Antimony	0.32	-	mg/kg	J-
16-20342	0816-01-0183	2-3	Fill	Arsenic	2.5	-	mg/kg	J-
16-20342	0816-01-0183	2-3	Fill	Azobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Barium	105	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Beryllium	0.64	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Cadmium	0.017	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Calcium	1500	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Chromium	5.2	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0183	2-3	Fill	Chrysene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Cobalt	2.1	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Copper	3.1	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Fluorene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	HMX	0.74	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Iron	9010	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Isophorone	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Lead	5	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Magnesium	983	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Manganese	219	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0183	2-3	Fill	Mercury	0.019	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Naphthalene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nickel	3.2	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Phenol	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Potassium	745	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Pyrene	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	RDX	0.81	-	mg/kg	None
16-20342	0816-01-0183	2-3	Fill	Selenium	0.21	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Silver	0.52	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Sodium	232	-	mg/kg	J
16-20342	0816-01-0183	2-3	Fill	Tetryl	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Thallium	0.17	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20342	0816-01-0183	2-3	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20342	0816-01-0183	2-3	Fill	Vanadium	8.2	-	mg/kg	J-
16-20342	0816-01-0183	2-3	Fill	Zinc	24.8	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Aluminum	10900	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Antimony	0.34	-	mg/kg	J-
16-20344	0816-01-0184	0-1	Fill	Arsenic	4.7	-	mg/kg	J-
16-20344	0816-01-0184	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Barium	279	-	mg/kg	J+
16-20344	0816-01-0184	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Beryllium	0.93	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Calcium	3540	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chromium	9.2	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0184	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Cobalt	7.8	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Copper	6	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	HMX	0.58	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Iron	15200	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Lead	18.5	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Magnesium	1710	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0184	0-1	Fill	Manganese	494	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Mercury	0.025	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nickel	6.8	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Potassium	1070	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	RDX	0.72	-	mg/kg	None
16-20344	0816-01-0184	0-1	Fill	Selenium	0.23	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Silver	0.52	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Sodium	141	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Thallium	0.31	-	mg/kg	J
16-20344	0816-01-0184	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0184	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20344	0816-01-0184	0-1	Fill	Vanadium	29.3	-	mg/kg	J-
16-20344	0816-01-0184	0-1	Fill	Zinc	29.5	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Acenaphthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Acenaphthylene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Aluminum	19800	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Aniline	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Anthracene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Antimony	0.3	-	mg/kg	J-
16-20344	0816-01-0185	3-4	Fill	Arsenic	4.3	-	mg/kg	J-
16-20344	0816-01-0185	3-4	Fill	Azobenzene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Barium	201	-	mg/kg	J+
16-20344	0816-01-0185	3-4	Fill	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Benzyl Alcohol	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Beryllium	1.2	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Cadmium	0.017	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Calcium	3900	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0185	3-4	Fill	Chromium	13.5	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Chrysene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Cobalt	6.3	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Copper	8.2	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dibenzofuran	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Diethylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Fluoranthene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Fluorene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachlorobenzene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Hexachloroethane	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	HMX	0.62	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Iron	17700	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Isophorone	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Lead	11.8	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0185	3-4	Fill	Magnesium	3110	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Manganese	220	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Mercury	0.025	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Methylphenol[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Methylphenol[4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Naphthalene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nickel	10.5	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrobenzene	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrobenzene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Phenanthrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Phenol	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Potassium	1390	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Pyrene	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	RDX	0.57	-	mg/kg	None
16-20344	0816-01-0185	3-4	Fill	Selenium	0.45	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Silver	0.5	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Sodium	131	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Tetryl	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Thallium	0.41	-	mg/kg	J
16-20344	0816-01-0185	3-4	Fill	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20344	0816-01-0185	3-4	Fill	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20344	0816-01-0185	3-4	Fill	Vanadium	29	-	mg/kg	J-
16-20344	0816-01-0185	3-4	Fill	Zinc	30.9	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Aluminum	9250	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Antimony	0.37	-	mg/kg	J-
16-20300	0816-01-0186	0-1	Fill	Arsenic	3.1	-	mg/kg	J-
16-20300	0816-01-0186	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Barium	120	-	mg/kg	J+
16-20300	0816-01-0186	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Beryllium	0.83	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Bromide	1.28	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Cadmium	0.018	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Calcium	2030	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Chloride	15.5	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0186	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chromium	6.1	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Copper	4.1	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Fluoride	2.96	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	HMX	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0186	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Iron	11800	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Isophorone	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Lead	8.3	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Magnesium	1440	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Manganese	286	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Mercury	0.021	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nickel	5.2	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Oxalate	11.2	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Perchlorate	0.0164	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Potassium	1030	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	RDX	0.18	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Selenium	0.25	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0186	0-1	Fill	Silver	0.55	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Sodium	155	-	mg/kg	J
16-20300	0816-01-0186	0-1	Fill	Sulfate	49	-	mg/kg	None
16-20300	0816-01-0186	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Thallium	0.18	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20300	0816-01-0186	0-1	Fill	Vanadium	17.1	-	mg/kg	J-
16-20300	0816-01-0186	0-1	Fill	Zinc	33.5	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Aluminum	6400	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Amino-2,6-dinitrotoluene[4-]	0.069	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Aniline	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Anthracene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Antimony	0.27	-	mg/kg	J-
16-20300	0816-01-0187	2-3	Fill	Arsenic	2.3	-	mg/kg	J-
16-20300	0816-01-0187	2-3	Fill	Azobenzene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Barium	398	-	mg/kg	J+
16-20300	0816-01-0187	2-3	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Beryllium	0.52	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Bis(2-ethylhexyl)phthalate	0.17	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Bromide	0.45	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0187	2-3	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Cadmium	0.017	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Calcium	1410	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Chloride	2.53	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chromium	4.5	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Chrysene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Cobalt	3.6	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Copper	4.3	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Fluoranthene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0187	2-3	Fill	Fluorene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Fluoride	1.49	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	HMX	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Iron	10100	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Isophorone	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Lead	17.7	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Magnesium	978	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Manganese	255	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Mercury	0.019	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Naphthalene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nickel	3.7	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Oxalate	10.1	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Pentachlorophenol	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20300	0816-01-0187	2-3	Fill	Perchlorate	0.0163	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Phenol	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Potassium	1040	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Pyrene	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	RDX	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Selenium	0.26	-	mg/kg	J
16-20300	0816-01-0187	2-3	Fill	Silver	0.51	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Sodium	74.8	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Sulfate	12.3	-	mg/kg	None
16-20300	0816-01-0187	2-3	Fill	Tetryl	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Thallium	0.17	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20300	0816-01-0187	2-3	Fill	Vanadium	10	-	mg/kg	J-
16-20300	0816-01-0187	2-3	Fill	Zinc	27	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Acenaphthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Acenaphthylene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Aluminum	4580	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.044	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Aniline	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Anthracene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Antimony	0.25	-	mg/kg	UJ
16-20301	0816-01-0188	0-1	Fill	Arsenic	1.8	-	mg/kg	J-
16-20301	0816-01-0188	0-1	Fill	Azobenzene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Barium	205	-	mg/kg	J+
16-20301	0816-01-0188	0-1	Fill	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzo(k)fluoranthene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20301	0816-01-0188	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Benzyl Alcohol	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Beryllium	0.66	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Cadmium	0.017	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Calcium	1180	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chromium	2.8	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Chrysene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Cobalt	1.5	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Copper	3.3	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dibenzofuran	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Diethylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Fluoranthene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Fluorene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachlorobenzene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Hexachloroethane	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	HMX	0.55	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Iron	7570	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Isophorone	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Lead	5.7	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Magnesium	742	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Manganese	226	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Mercury	0.019	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Methylphenol[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Methylphenol[4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Naphthalene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nickel	2.3	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrobenzene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20301	0816-01-0188	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Phenanthrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Phenol	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Potassium	727	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Pyrene	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	RDX	2.2	-	mg/kg	None
16-20301	0816-01-0188	0-1	Fill	Selenium	0.15	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Silver	0.51	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Sodium	91.3	-	mg/kg	J
16-20301	0816-01-0188	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Thallium	0.17	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20301	0816-01-0188	0-1	Fill	Vanadium	5.9	-	mg/kg	J-
16-20301	0816-01-0188	0-1	Fill	Zinc	37.6	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Aluminum	5560	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Antimony	0.94	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Barium	1790	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20525	0816-01-0189	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Cadmium	0.14	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Calcium	1180	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20525	0816-01-0189	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chromium	4.7	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Cobalt	3.6	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Copper	3.8	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	HMX	0.61	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Iron	11700	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Lead	4.3	-	mg/kg	J+
16-20525	0816-01-0189	0-1	QBT 4	Magnesium	1030	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Manganese	307	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Mercury	0.035	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nickel	3.8	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20525	0816-01-0189	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20525	0816-01-0189	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Potassium	518	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	RDX	1.9	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Selenium	0.25	-	mg/kg	J-
16-20525	0816-01-0189	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Sodium	214	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Thallium	0.37	-	mg/kg	J
16-20525	0816-01-0189	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20525	0816-01-0189	0-1	QBT 4	Vanadium	9.5	-	mg/kg	None
16-20525	0816-01-0189	0-1	QBT 4	Zinc	53.4	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Aluminum	6330	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Arsenic	0.8	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Barium	84	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20528	0816-01-0190	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Calcium	931	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20528	0816-01-0190	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chromium	3.8	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Copper	3.4	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20528	0816-01-0190	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Lead	3.6	-	mg/kg	J+
16-20528	0816-01-0190	0-1	QBT 4	Magnesium	880	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Manganese	313	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nickel	4.6	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20528	0816-01-0190	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20528	0816-01-0190	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Potassium	549	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Selenium	0.5	-	mg/kg	J-
16-20528	0816-01-0190	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Sodium	326	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Thallium	0.06	-	mg/kg	J
16-20528	0816-01-0190	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20528	0816-01-0190	0-1	QBT 4	Vanadium	11.5	-	mg/kg	None
16-20528	0816-01-0190	0-1	QBT 4	Zinc	50.3	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Aluminum	2070	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Antimony	0.88	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Arsenic	1.2	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Barium	60.5	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20527	0816-01-0191	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Beryllium	0.44	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Cadmium	0.084	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Calcium	417	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20527	0816-01-0191	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chromium	0.94	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Cobalt	0.55	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Copper	1.4	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20527	0816-01-0191	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	HMX	0.39	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Lead	3.9	-	mg/kg	J+
16-20527	0816-01-0191	0-1	QBT 4	Magnesium	270	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Manganese	158	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nickel	1.5	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20527	0816-01-0191	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20527	0816-01-0191	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Potassium	262	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	RDX	1.2	-	mg/kg	None
16-20527	0816-01-0191	0-1	QBT 4	Selenium	0.22	-	mg/kg	UJ
16-20527	0816-01-0191	0-1	QBT 4	Silver	0.51	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Sodium	86.8	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Thallium	0.018	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20527	0816-01-0191	0-1	QBT 4	Vanadium	3.6	-	mg/kg	J
16-20527	0816-01-0191	0-1	QBT 4	Zinc	31.4	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Aluminum	4110	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.14	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.082	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Barium	1720	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0192	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Beryllium	1.7	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Cadmium	0.12	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Calcium	2130	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20490	0816-01-0192	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chromium	3.9	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Cobalt	4	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Copper	4.9	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0192	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	HMX	0.27	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Iron	18100	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Lead	3.1	-	mg/kg	J+
16-20490	0816-01-0192	0-1	QBT 4	Magnesium	1490	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Manganese	535	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nickel	4.3	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20490	0816-01-0192	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0192	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Potassium	381	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	RDX	0.92	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20490	0816-01-0192	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Sodium	208	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Thallium	0.065	-	mg/kg	J
16-20490	0816-01-0192	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0192	0-1	QBT 4	Vanadium	11	-	mg/kg	None
16-20490	0816-01-0192	0-1	QBT 4	Zinc	63.1	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Aluminum	9910	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Antimony	0.36	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Arsenic	2.3	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Barium	140	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20660	0816-01-0193	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	UJ
16-20660	0816-01-0193	0-1	QBT 3	Beryllium	0.81	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Calcium	1860	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chromium	6.5	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Cobalt	4.7	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Copper	6.4	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20660	0816-01-0193	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	HMX	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Iron	12600	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Lead	6.8	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Magnesium	1460	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Manganese	555	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nickel	5.5	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20660	0816-01-0193	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrobenzene	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20660	0816-01-0193	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Potassium	1440	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	RDX	0.11	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Selenium	0.25	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Sodium	214	-	mg/kg	J
16-20660	0816-01-0193	0-1	QBT 3	Tetryl	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Thallium	0.17	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20660	0816-01-0193	0-1	QBT 3	Vanadium	15.1	-	mg/kg	None
16-20660	0816-01-0193	0-1	QBT 3	Zinc	33.6	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Aluminum	13500	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.099	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.087	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Antimony	0.52	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Arsenic	3.4	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20491	0816-01-0194	0-1	QBT 4	Barium	2980	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	UJ
16-20491	0816-01-0194	0-1	QBT 4	Beryllium	2	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Cadmium	0.018	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Calcium	1800	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chromium	9.1	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Cobalt	5.3	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Copper	7.1	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorobenzidine[3,3'-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20491	0816-01-0194	0-1	QBT 4	Dimethylphenol[2,4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	HMX	1.3	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Iron	17900	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Lead	6.9	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Magnesium	2220	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Manganese	476	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nickel	6.6	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20491	0816-01-0194	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20491	0816-01-0194	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Potassium	1340	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	RDX	3	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Selenium	0.33	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Sodium	211	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Thallium	0.18	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20491	0816-01-0194	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.031	-	mg/kg	J
16-20491	0816-01-0194	0-1	QBT 4	Vanadium	18	-	mg/kg	None
16-20491	0816-01-0194	0-1	QBT 4	Zinc	66.1	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Aluminum	6680	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.16	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.17	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Arsenic	2.8	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Barium	1800	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20526	0816-01-0195	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Calcium	958	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chromium	5.7	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Copper	8.7	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	HMX	1.7	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Iron	12700	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Lead	3.4	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Magnesium	1390	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Manganese	320	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nickel	4.6	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Potassium	781	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	RDX	8.3	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Silver	0.5	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Sodium	248	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.36	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.48	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Vanadium	11.3	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Zinc	52.7	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Aluminum	2030	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.054	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.042	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Antimony	0.24	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Arsenic	2.1	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Barium	30.9	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Beryllium	1.4	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Calcium	489	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chromium	1.1	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Copper	3.8	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	HMX	0.54	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Iron	8610	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Lead	2	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Magnesium	248	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Manganese	304	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nickel	1.7	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Potassium	348	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	RDX	3.9	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Selenium	0.23	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Silver	0.5	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Sodium	170	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Thallium	0.17	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.029	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Vanadium	4.4	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Zinc	35.7	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Aluminum	7610	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20667	0816-01-0197	0-1	QBT 3	Antimony	0.87	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Arsenic	1	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Barium	374	-	mg/kg	J+
16-20667	0816-01-0197	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bromide	0.0842	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Calcium	1260	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Chloride	29.6	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chromium	3.9	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Cobalt	2.2	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Copper	5.6	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Fluoride	3.88	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	HMX	1.15	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Iron	10100	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Lead	8.1	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Magnesium	923	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Manganese	186	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nickel	4.3	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20667	0816-01-0197	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Oxalate	1.01	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Perchlorate	0.0674	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Potassium	565	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	RDX	1.62	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Sodium	65.2	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Sulfate	5.88	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Thallium	0.26	-	mg/kg	J
16-20667	0816-01-0197	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20667	0816-01-0197	0-1	QBT 3	Vanadium	7.7	-	mg/kg	None
16-20667	0816-01-0197	0-1	QBT 3	Zinc	38.9	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0198	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Aluminum	7560	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Arsenic	0.47	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Barium	1980	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Cadmium	0.089	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Calcium	1570	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20490	0816-01-0198	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chromium	9.3	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Cobalt	5.9	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0198	0-1	QBT 4	Copper	5.9	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	HMX	0.36	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Iron	20600	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Lead	4.6	-	mg/kg	J+
16-20490	0816-01-0198	0-1	QBT 4	Magnesium	1820	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Manganese	750	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0198	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nickel	8.7	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20490	0816-01-0198	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Potassium	699	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	RDX	1.6	-	mg/kg	None
16-20490	0816-01-0198	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20490	0816-01-0198	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Sodium	257	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Thallium	0.056	-	mg/kg	J
16-20490	0816-01-0198	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20490	0816-01-0198	0-1	QBT 4	Vanadium	13.2	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20490	0816-01-0198	0-1	QBT 4	Zinc	89	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Aluminum	2670	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.056	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Barium	865	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Beryllium	0.52	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bromide	0.0371	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Calcium	982	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Chloride	13	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20489	0816-01-0199	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chromium	2.2	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0199	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Fluoride	7.35	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	HMX	0.46	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Iron	9730	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Lead	3	-	mg/kg	J+

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0199	0-1	QBT 4	Magnesium	430	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Manganese	241	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nickel	1.8	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20489	0816-01-0199	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Oxalate	0.352	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Perchlorate	0.0178	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Potassium	289	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	RDX	2.1	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20489	0816-01-0199	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Sodium	205	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Sulfate	1.42	-	mg/kg	None
16-20489	0816-01-0199	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0199	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20489	0816-01-0199	0-1	QBT 4	Vanadium	5.7	-	mg/kg	J
16-20489	0816-01-0199	0-1	QBT 4	Zinc	42	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Aluminum	2230	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Aniline	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Antimony	0.94	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Barium	880	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Beryllium	0.69	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bromide	0.0363	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Cadmium	0.093	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Calcium	1120	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0200	2-3	QBT 4	Chloride	21.2	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20489	0816-01-0200	2-3	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chromium	2.7	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Copper	3.3	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Fluoride	3.7	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0200	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	HMX	0.54	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Iron	9970	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Lead	3.7	-	mg/kg	J+
16-20489	0816-01-0200	2-3	QBT 4	Magnesium	500	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Manganese	295	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Mercury	0.02	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20489	0816-01-0200	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Oxalate	0.935	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Perchlorate	0.0174	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Phenol	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Potassium	280	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20489	0816-01-0200	2-3	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	RDX	3.3	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Selenium	0.24	-	mg/kg	J-
16-20489	0816-01-0200	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Sodium	190	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Sulfate	1.23	-	mg/kg	None
16-20489	0816-01-0200	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Thallium	0.013	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20489	0816-01-0200	2-3	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20489	0816-01-0200	2-3	QBT 4	Zinc	43.4	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Aluminum	2280	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Antimony	0.95	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Arsenic	0.85	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Barium	18.9	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Beryllium	0.81	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20484	0816-01-0201	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Cadmium	0.076	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Calcium	1120	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20484	0816-01-0201	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chromium	2.2	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Cobalt	1.2	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Copper	3.1	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20484	0816-01-0201	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Iron	10100	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Lead	2.9	-	mg/kg	J+
16-20484	0816-01-0201	0-1	QBT 4	Magnesium	558	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Manganese	356	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nickel	3.6	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20484	0816-01-0201	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20484	0816-01-0201	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Potassium	283	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	RDX	0.087	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Selenium	0.37	-	mg/kg	J-
16-20484	0816-01-0201	0-1	QBT 4	Silver	0.55	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20484	0816-01-0201	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20484	0816-01-0201	0-1	QBT 4	Vanadium	6.1	-	mg/kg	None
16-20484	0816-01-0201	0-1	QBT 4	Zinc	49.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Aluminum	2150	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Barium	29.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Beryllium	1	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20485	0816-01-0202	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Calcium	1090	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20485	0816-01-0202	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20485	0816-01-0202	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Lead	3	-	mg/kg	J+
16-20485	0816-01-0202	0-1	QBT 4	Magnesium	842	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Manganese	383	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nickel	5.2	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20485	0816-01-0202	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20485	0816-01-0202	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Potassium	452	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20485	0816-01-0202	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Sodium	209	-	mg/kg	J
16-20485	0816-01-0202	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20485	0816-01-0202	0-1	QBT 4	Vanadium	7.7	-	mg/kg	None
16-20485	0816-01-0202	0-1	QBT 4	Zinc	54.5	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Aluminum	2730	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Antimony	0.94	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Barium	23.7	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0203	0-1	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bromide	0.0359	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Cadmium	0.08	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Calcium	1300	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Chloride	4.04	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	UJ
16-20446	0816-01-0203	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chromium	3.9	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Copper	3.1	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Fluoride	1.52	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Lead	1.9	-	mg/kg	J+
16-20446	0816-01-0203	0-1	QBT 4	Magnesium	630	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Manganese	384	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nickel	4.1	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20446	0816-01-0203	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0203	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Oxalate	0.341	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Perchlorate	0.0172	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Potassium	379	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	RDX	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Selenium	0.24	-	mg/kg	UJ
16-20446	0816-01-0203	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Sodium	292	-	mg/kg	J
16-20446	0816-01-0203	0-1	QBT 4	Sulfate	48	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20446	0816-01-0203	0-1	QBT 4	Vanadium	7.2	-	mg/kg	None
16-20446	0816-01-0203	0-1	QBT 4	Zinc	45.7	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Aluminum	1980	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Antimony	0.97	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Barium	17.8	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0204	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bromide	0.0375	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Calcium	1110	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Chloride	4	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20446	0816-01-0204	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chromium	2.4	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Cobalt	0.82	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Copper	2.8	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0204	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Fluoride	0.462	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	HMX	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Iron	9640	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Lead	1.6	-	mg/kg	J+
16-20446	0816-01-0204	2-3	QBT 4	Magnesium	555	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Manganese	283	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nickel	1.6	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20446	0816-01-0204	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20446	0816-01-0204	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Oxalate	0.918	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Perchlorate	0.00899	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Potassium	289	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20446	0816-01-0204	2-3	QBT 4	Silver	0.56	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Sodium	232	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Sulfate	59.4	-	mg/kg	None
16-20446	0816-01-0204	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20446	0816-01-0204	2-3	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20446	0816-01-0204	2-3	QBT 4	Zinc	43	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Aluminum	9720	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0205	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Antimony	0.86	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Arsenic	1.3	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Barium	335	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Beryllium	0.89	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Cadmium	0.69	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Calcium	1600	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20195	0816-01-0205	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chromium	6.9	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Cobalt	2	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Copper	5	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	HMX	1.8	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Iron	11700	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Lead	14	-	mg/kg	J+
16-20195	0816-01-0205	0-1	ALLH	Magnesium	1330	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Manganese	229	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Mercury	0.018	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nickel	4.4	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0205	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20195	0816-01-0205	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Potassium	757	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	RDX	2.1	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Selenium	0.22	-	mg/kg	UJ
16-20195	0816-01-0205	0-1	ALLH	Silver	0.49	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Sodium	143	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Tetryl	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Thallium	0.11	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20195	0816-01-0205	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.087	-	mg/kg	J
16-20195	0816-01-0205	0-1	ALLH	Vanadium	11.5	-	mg/kg	None
16-20195	0816-01-0205	0-1	ALLH	Zinc	39.6	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Aluminum	8540	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0206	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Antimony	0.92	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Arsenic	0.65	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Barium	69.8	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Cadmium	0.073	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Calcium	1950	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20195	0816-01-0206	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chromium	6	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Copper	2.7	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	HMX	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Iron	11000	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Lead	8.4	-	mg/kg	J+
16-20195	0816-01-0206	2-3	QBT 4	Magnesium	1590	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Manganese	170	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Mercury	0.02	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20195	0816-01-0206	2-3	QBT 4	Nickel	4.9	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20195	0816-01-0206	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Potassium	894	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	RDX	0.16	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Selenium	0.23	-	mg/kg	UJ
16-20195	0816-01-0206	2-3	QBT 4	Silver	0.53	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Sodium	150	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Thallium	0.068	-	mg/kg	J
16-20195	0816-01-0206	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20195	0816-01-0206	2-3	QBT 4	Vanadium	10	-	mg/kg	None
16-20195	0816-01-0206	2-3	QBT 4	Zinc	38.9	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20455	0816-01-0207	0-1	QBT 4	Aluminum	2320	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Antimony	0.97	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Arsenic	7.2	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Barium	1100	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Cadmium	0.077	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Calcium	1080	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20455	0816-01-0207	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Copper	3	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20455	0816-01-0207	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	HMX	0.54	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Iron	10300	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Lead	3.1	-	mg/kg	J+
16-20455	0816-01-0207	0-1	QBT 4	Magnesium	595	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Manganese	391	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20455	0816-01-0207	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20455	0816-01-0207	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Potassium	287	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	RDX	1.2	-	mg/kg	None
16-20455	0816-01-0207	0-1	QBT 4	Selenium	0.39	-	mg/kg	J-
16-20455	0816-01-0207	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Sodium	170	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20455	0816-01-0207	0-1	QBT 4	Vanadium	5.4	-	mg/kg	J
16-20455	0816-01-0207	0-1	QBT 4	Zinc	46.7	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20586	0816-01-0208	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Aluminum	4020	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.096	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Antimony	1.1	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Arsenic	1.6	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Barium	336	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Beryllium	0.71	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Cadmium	0.55	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Calcium	572	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chromium	2.4	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Cobalt	1.7	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Copper	5.1	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20586	0816-01-0208	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	HMX	0.46	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Iron	7740	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Lead	5	-	mg/kg	J+
16-20586	0816-01-0208	0-1	QBT 3	Magnesium	634	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Manganese	210	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Mercury	0.037	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20586	0816-01-0208	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nickel	2.1	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Potassium	506	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	RDX	0.11	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Selenium	0.55	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Silver	1.1	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Sodium	34.1	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Thallium	1.1	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20586	0816-01-0208	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.078	-	mg/kg	J
16-20586	0816-01-0208	0-1	QBT 3	Vanadium	5.8	-	mg/kg	None
16-20586	0816-01-0208	0-1	QBT 3	Zinc	38.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Aluminum	9190	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Aniline	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Antimony	1.2	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Arsenic	2.3	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Barium	231	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Cadmium	0.59	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Calcium	2360	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chromium	7.6	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Cobalt	4.1	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Copper	6.1	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	HMX	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Iron	11100	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Lead	8.9	-	mg/kg	J+
16-20658	0816-01-0209	0-1	QBT 3	Magnesium	1580	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Manganese	342	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Mercury	0.04	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nickel	5.8	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrobenzene	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Phenol	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Potassium	1640	-	mg/kg	None
16-20658	0816-01-0209	0-1	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	RDX	0.091	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Selenium	0.21	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Silver	1.2	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Sodium	50.3	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Tetryl	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Thallium	0.39	-	mg/kg	J
16-20658	0816-01-0209	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20658	0816-01-0209	0-1	QBT 3	Vanadium	15	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20658	0816-01-0209	0-1	QBT 3	Zinc	30.4	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Aluminum	10400	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Aniline	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Antimony	0.46	-	mg/kg	J
16-20622	0816-01-0211	0-1	QBT 3	Arsenic	2.5	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Barium	159	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Beryllium	0.76	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Cadmium	0.59	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Calcium	2450	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chromium	8.2	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Chrysene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20622	0816-01-0211	0-1	QBT 3	Cobalt	6.4	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Copper	5.8	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	HMX	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Iron	13400	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Lead	10	-	mg/kg	J+
16-20622	0816-01-0211	0-1	QBT 3	Magnesium	2090	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Manganese	592	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Mercury	0.039	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20622	0816-01-0211	0-1	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nickel	7.4	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrobenzene	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Phenol	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Potassium	1610	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	RDX	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Selenium	0.2	-	mg/kg	J
16-20622	0816-01-0211	0-1	QBT 3	Silver	1.2	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Sodium	75.7	-	mg/kg	J
16-20622	0816-01-0211	0-1	QBT 3	Tetryl	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Thallium	1.2	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20622	0816-01-0211	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20622	0816-01-0211	0-1	QBT 3	Vanadium	22.2	-	mg/kg	None
16-20622	0816-01-0211	0-1	QBT 3	Zinc	35.2	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Aluminum	7060	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Antimony	0.45	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Arsenic	3.5	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Barium	57.2	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Cadmium	0.63	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Calcium	1730	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Chromium	9.5	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20486	0816-01-0212	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Cobalt	4.5	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	HMX	0.24	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Iron	14600	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Lead	19	-	mg/kg	J+
16-20486	0816-01-0212	0-1	QBT 4	Magnesium	1840	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Manganese	743	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20486	0816-01-0212	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nickel	8.2	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Potassium	960	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	RDX	0.14	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Selenium	0.29	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Silver	1.3	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Sodium	163	-	mg/kg	J
16-20486	0816-01-0212	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Thallium	1.3	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20486	0816-01-0212	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20486	0816-01-0212	0-1	QBT 4	Vanadium	13.9	-	mg/kg	None
16-20486	0816-01-0212	0-1	QBT 4	Zinc	62.8	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Acenaphthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Acenaphthylene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Aluminum	8300	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Aniline	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Anthracene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Antimony	1.2	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Arsenic	2.7	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Azobenzene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Barium	85.5	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Benzyl Alcohol	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Beryllium	0.89	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Cadmium	0.6	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Calcium	1550	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chromium	6.2	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20566	0816-01-0213	0-1	ALLH	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Chrysene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Cobalt	2.7	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Copper	5.3	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dibenzofuran	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Diethylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Fluoranthene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Fluorene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachlorobenzene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Hexachloroethane	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	HMX	0.29	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Iron	12500	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Isophorone	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Lead	7.3	-	mg/kg	J+
16-20566	0816-01-0213	0-1	ALLH	Magnesium	1410	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20566	0816-01-0213	0-1	ALLH	Manganese	299	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Mercury	0.04	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Methylphenol[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Methylphenol[4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Naphthalene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nickel	4.5	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrobenzene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrosodiethylamine[N-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Phenanthrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Phenol	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Potassium	1120	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Pyrene	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	RDX	0.1	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Selenium	0.3	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Silver	1.2	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Sodium	252	-	mg/kg	J
16-20566	0816-01-0213	0-1	ALLH	Tetryl	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Thallium	1.2	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20566	0816-01-0213	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20566	0816-01-0213	0-1	ALLH	Vanadium	11.1	-	mg/kg	None
16-20566	0816-01-0213	0-1	ALLH	Zinc	44.3	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Aluminum	4310	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.13	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Antimony	1.1	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Arsenic	1.9	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Barium	588	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Beryllium	0.6	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Cadmium	0.56	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Calcium	1800	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20348	0816-01-0214	0-1	Fill	Chromium	4.3	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Cobalt	1.8	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Copper	10.5	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	HMX	1.7	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Iron	8560	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Lead	9.1	-	mg/kg	J+

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20348	0816-01-0214	0-1	Fill	Magnesium	701	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Manganese	238	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Mercury	0.037	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nickel	4.4	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrobenzene	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Potassium	568	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	RDX	2.6	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Selenium	0.15	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Silver	1.1	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Sodium	61.4	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Tetryl	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Thallium	1.1	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20348	0816-01-0214	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20348	0816-01-0214	0-1	Fill	Trinitrotoluene[2,4,6-]	0.034	-	mg/kg	J
16-20348	0816-01-0214	0-1	Fill	Vanadium	6.9	-	mg/kg	None
16-20348	0816-01-0214	0-1	Fill	Zinc	46.8	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Acenaphthylene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Aluminum	7400	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Aniline	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Anthracene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Antimony	0.32	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Arsenic	2.2	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Barium	1320	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Beryllium	0.42	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.21	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Cadmium	0.54	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Calcium	2240	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20549	0816-01-0215	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chromium	5.9	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Chrysene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Cobalt	3.4	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Copper	4.5	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Fluorene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	HMX	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Iron	9940	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Isophorone	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20549	0816-01-0215	0-1	ALLH	Lead	9.1	-	mg/kg	J+
16-20549	0816-01-0215	0-1	ALLH	Magnesium	1370	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Manganese	220	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Mercury	0.036	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nickel	4.4	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Phenol	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Potassium	1120	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Pyrene	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	RDX	0.069	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Selenium	0.33	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Silver	1.1	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Sodium	61	-	mg/kg	J
16-20549	0816-01-0215	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Thallium	1.1	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20549	0816-01-0215	0-1	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20549	0816-01-0215	0-1	ALLH	Vanadium	14.5	-	mg/kg	None
16-20549	0816-01-0215	0-1	ALLH	Zinc	28.1	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Aluminum	4250	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Antimony	1.3	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Arsenic	2.1	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Barium	31.5	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Beryllium	1.2	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Cadmium	0.66	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Calcium	1890	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0216	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chromium	5.3	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Copper	4.2	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	HMX	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Iron	11700	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0216	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Lead	5.1	-	mg/kg	J+
16-20413	0816-01-0216	0-1	QBT 4	Magnesium	1860	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Manganese	373	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Mercury	0.044	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nickel	6.1	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Potassium	1210	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	RDX	0.066	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Selenium	0.32	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Silver	1.3	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Sodium	390	-	mg/kg	J
16-20413	0816-01-0216	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Thallium	1.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0216	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20413	0816-01-0216	0-1	QBT 4	Vanadium	13.5	-	mg/kg	None
16-20413	0816-01-0216	0-1	QBT 4	Zinc	52.6	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Aluminum	3250	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Antimony	1.2	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Arsenic	2	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Barium	25.6	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Cadmium	0.62	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Calcium	1210	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20421	0816-01-0217	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chromium	4	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Cobalt	2.7	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Copper	3.2	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20421	0816-01-0217	0-1	QBT 4	Iron	10300	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Lead	3.6	-	mg/kg	J+
16-20421	0816-01-0217	0-1	QBT 4	Magnesium	801	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Manganese	456	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Mercury	0.041	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nickel	3.6	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Potassium	719	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Selenium	0.23	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Silver	1.2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Sodium	196	-	mg/kg	J
16-20421	0816-01-0217	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20421	0816-01-0217	0-1	QBT 4	Thallium	1.2	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20421	0816-01-0217	0-1	QBT 4	Vanadium	7.2	-	mg/kg	None
16-20421	0816-01-0217	0-1	QBT 4	Zinc	46.6	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Aluminum	2780	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.23	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.18	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Antimony	0.34	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Arsenic	5.2	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Barium	1240	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Cadmium	0.64	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Calcium	1120	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0218	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Cobalt	2.5	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Copper	7.4	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	HMX	1.2	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0218	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Iron	9930	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Lead	1.9	-	mg/kg	J+
16-20454	0816-01-0218	0-1	QBT 4	Magnesium	827	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Manganese	235	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Mercury	0.043	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Potassium	516	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	RDX	4	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Selenium	0.28	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Silver	1.3	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Sodium	161	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0218	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Thallium	1.3	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20454	0816-01-0218	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.079	-	mg/kg	J
16-20454	0816-01-0218	0-1	QBT 4	Vanadium	7.4	-	mg/kg	None
16-20454	0816-01-0218	0-1	QBT 4	Zinc	36.3	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Aluminum	2410	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Antimony	0.98	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Arsenic	0.13	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Barium	15.4	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Beryllium	0.79	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Calcium	2100	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20449	0816-01-0219	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20449	0816-01-0219	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chromium	3.2	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20449	0816-01-0219	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Iron	9660	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Lead	3.2	-	mg/kg	J+
16-20449	0816-01-0219	0-1	QBT 4	Magnesium	1380	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Manganese	379	-	mg/kg	None
16-20449	0816-01-0219	0-1	QBT 4	Mercury	0.024	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nickel	3.2	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20449	0816-01-0219	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Potassium	398	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	RDX	0.13	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Selenium	0.43	-	mg/kg	J-
16-20449	0816-01-0219	0-1	QBT 4	Silver	0.56	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20449	0816-01-0219	0-1	QBT 4	Sodium	260	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Thallium	0.73	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20449	0816-01-0219	0-1	QBT 4	Vanadium	5.3	-	mg/kg	J
16-20449	0816-01-0219	0-1	QBT 4	Zinc	32.6	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Aluminum	2860	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Antimony	0.99	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Barium	28.8	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Beryllium	0.67	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Cadmium	0.079	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20447	0816-01-0220	0-1	QBT 4	Calcium	1460	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20447	0816-01-0220	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chromium	4.8	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20447	0816-01-0220	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Iron	11300	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Lead	2.4	-	mg/kg	J+
16-20447	0816-01-0220	0-1	QBT 4	Magnesium	869	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Manganese	459	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nickel	2.5	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20447	0816-01-0220	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Potassium	512	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	RDX	0.66	-	mg/kg	None
16-20447	0816-01-0220	0-1	QBT 4	Selenium	0.67	-	mg/kg	J-



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20447	0816-01-0220	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Sodium	262	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20447	0816-01-0220	0-1	QBT 4	Vanadium	6	-	mg/kg	J
16-20447	0816-01-0220	0-1	QBT 4	Zinc	48.2	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Aluminum	3620	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Antimony	0.99	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Barium	26.4	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Beryllium	0.81	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20414	0816-01-0221	0-1	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Calcium	1510	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20414	0816-01-0221	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chromium	6	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Copper	4	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20414	0816-01-0221	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Iron	11400	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Lead	4.2	-	mg/kg	J+
16-20414	0816-01-0221	0-1	QBT 4	Magnesium	1230	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Manganese	321	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nickel	4.1	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20414	0816-01-0221	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Potassium	862	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	RDX	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20414	0816-01-0221	0-1	QBT 4	Selenium	0.53	-	mg/kg	J-
16-20414	0816-01-0221	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Sodium	340	-	mg/kg	J
16-20414	0816-01-0221	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20414	0816-01-0221	0-1	QBT 4	Vanadium	9.1	-	mg/kg	None
16-20414	0816-01-0221	0-1	QBT 4	Zinc	48.7	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Aluminum	1880	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Barium	11.4	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Beryllium	0.39	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20452	0816-01-0222	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Calcium	1040	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20452	0816-01-0222	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chromium	2.8	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Copper	1.6	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20452	0816-01-0222	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	HMX	0.54	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Iron	8980	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Lead	1.7	-	mg/kg	J+
16-20452	0816-01-0222	0-1	QBT 4	Magnesium	562	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Manganese	183	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nickel	1.7	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20452	0816-01-0222	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Potassium	449	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20452	0816-01-0222	0-1	QBT 4	RDX	2.6	-	mg/kg	None
16-20452	0816-01-0222	0-1	QBT 4	Selenium	0.39	-	mg/kg	J-
16-20452	0816-01-0222	0-1	QBT 4	Silver	0.57	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20452	0816-01-0222	0-1	QBT 4	Vanadium	4.5	-	mg/kg	J
16-20452	0816-01-0222	0-1	QBT 4	Zinc	42.8	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Aluminum	2800	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Antimony	0.96	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Arsenic	0.23	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Barium	1240	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Beryllium	0.43	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20453	0816-01-0223	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Cadmium	0.076	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Calcium	956	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20453	0816-01-0223	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chromium	4.3	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Copper	1.8	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20453	0816-01-0223	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	HMX	0.65	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Iron	10200	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Lead	11.2	-	mg/kg	J+
16-20453	0816-01-0223	0-1	QBT 4	Magnesium	713	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Manganese	290	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Mercury	0.02	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nickel	1.6	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20453	0816-01-0223	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Potassium	605	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20453	0816-01-0223	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	RDX	4	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Selenium	0.44	-	mg/kg	J-
16-20453	0816-01-0223	0-1	QBT 4	Silver	0.63	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Sodium	280	-	mg/kg	J
16-20453	0816-01-0223	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20453	0816-01-0223	0-1	QBT 4	Vanadium	6.6	-	mg/kg	None
16-20453	0816-01-0223	0-1	QBT 4	Zinc	70.7	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Aluminum	2010	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Barium	14.2	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Beryllium	0.38	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0224	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Calcium	1240	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20451	0816-01-0224	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chromium	3.6	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Cobalt	1.4	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Copper	2	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0224	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Iron	9800	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Lead	3.4	-	mg/kg	J+
16-20451	0816-01-0224	0-1	QBT 4	Magnesium	820	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Manganese	283	-	mg/kg	None
16-20451	0816-01-0224	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20451	0816-01-0224	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Phenol	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0224	0-1	QBT 4	Potassium	540	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	RDX	0.13	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Selenium	0.39	-	mg/kg	J-
16-20451	0816-01-0224	0-1	QBT 4	Silver	0.76	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Sodium	220	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0224	0-1	QBT 4	Vanadium	5.4	-	mg/kg	J
16-20451	0816-01-0224	0-1	QBT 4	Zinc	52.3	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Aluminum	2340	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Arsenic	0.34	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Barium	20.4	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Beryllium	0.46	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0225	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Calcium	1290	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20451	0816-01-0225	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chromium	5.1	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Cobalt	2.4	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Copper	2.4	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0225	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Iron	10100	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Lead	4.2	-	mg/kg	J+
16-20451	0816-01-0225	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Manganese	321	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20451	0816-01-0225	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20451	0816-01-0225	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Potassium	755	-	mg/kg	None
16-20451	0816-01-0225	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Selenium	0.27	-	mg/kg	J-
16-20451	0816-01-0225	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Sodium	253	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20451	0816-01-0225	0-1	QBT 4	Vanadium	5.9	-	mg/kg	J
16-20451	0816-01-0225	0-1	QBT 4	Zinc	59.2	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Aluminum	6100	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Antimony	0.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Arsenic	1.5	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Barium	652	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Beryllium	0.73	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0226	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Cadmium	0.072	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Calcium	1340	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20457	0816-01-0226	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chromium	7.3	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Cobalt	3.7	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Copper	2.3	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0226	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Iron	12900	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Lead	5.4	-	mg/kg	J+
16-20457	0816-01-0226	0-1	QBT 4	Magnesium	1470	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Manganese	420	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nickel	3.5	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20457	0816-01-0226	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0226	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Potassium	979	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	RDX	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Selenium	0.53	-	mg/kg	J-
16-20457	0816-01-0226	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Sodium	213	-	mg/kg	J
16-20457	0816-01-0226	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20457	0816-01-0226	0-1	QBT 4	Vanadium	11.6	-	mg/kg	None
16-20457	0816-01-0226	0-1	QBT 4	Zinc	52.5	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Aluminum	5340	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Aniline	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Antimony	0.95	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Arsenic	0.73	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Barium	28.9	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0227	2-3	QBT 4	Beryllium	0.86	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Cadmium	0.18	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Calcium	1110	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20457	0816-01-0227	2-3	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chromium	4.6	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Cobalt	2.4	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Copper	2.3	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0227	2-3	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	HMX	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Iron	11800	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Lead	3.8	-	mg/kg	J+
16-20457	0816-01-0227	2-3	QBT 4	Magnesium	820	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Manganese	370	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Mercury	0.02	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nickel	3.3	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20457	0816-01-0227	2-3	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrosodiethylamine[N-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20457	0816-01-0227	2-3	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Phenol	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Potassium	526	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	RDX	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20457	0816-01-0227	2-3	QBT 4	Silver	0.54	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Sodium	128	-	mg/kg	J
16-20457	0816-01-0227	2-3	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Thallium	0.013	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20457	0816-01-0227	2-3	QBT 4	Vanadium	8.3	-	mg/kg	None
16-20457	0816-01-0227	2-3	QBT 4	Zinc	50.7	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Aluminum	6190	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Antimony	0.9	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Arsenic	0.37	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Barium	1900	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20442	0816-01-0228	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Beryllium	1	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Cadmium	0.27	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Calcium	1180	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20442	0816-01-0228	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chromium	4.9	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Cobalt	5	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Copper	32.3	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Iron	12200	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Lead	5.5	-	mg/kg	J+
16-20442	0816-01-0228	0-1	QBT 4	Magnesium	1030	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Manganese	208	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nickel	3.4	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20442	0816-01-0228	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20442	0816-01-0228	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Potassium	874	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	RDX	0.42	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Selenium	0.54	-	mg/kg	J-
16-20442	0816-01-0228	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Sodium	268	-	mg/kg	J
16-20442	0816-01-0228	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20442	0816-01-0228	0-1	QBT 4	Vanadium	8.2	-	mg/kg	None
16-20442	0816-01-0228	0-1	QBT 4	Zinc	49.2	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Aluminum	6750	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Antimony	0.93	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Arsenic	1.4	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Barium	2060	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20371	0816-01-0229	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Beryllium	1.6	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Cadmium	0.077	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Calcium	1170	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20371	0816-01-0229	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chromium	7.5	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Cobalt	5.3	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Iron	11600	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Lead	4.8	-	mg/kg	J+
16-20371	0816-01-0229	0-1	QBT 4	Magnesium	1470	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Manganese	307	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nickel	5.8	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20371	0816-01-0229	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20371	0816-01-0229	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Potassium	1140	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	RDX	1.2	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20371	0816-01-0229	0-1	QBT 4	Silver	0.53	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Sodium	287	-	mg/kg	J
16-20371	0816-01-0229	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20371	0816-01-0229	0-1	QBT 4	Vanadium	10	-	mg/kg	None
16-20371	0816-01-0229	0-1	QBT 4	Zinc	41.2	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Aluminum	3280	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Antimony	0.87	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Arsenic	0.8	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Barium	43.6	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U

**Table B-8.0-2**  
**Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20372	0816-01-0230	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Beryllium	0.83	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Cadmium	0.07	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Calcium	1280	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20372	0816-01-0230	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chromium	5.4	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Copper	7	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	HMX	0.6	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Iron	9160	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Lead	2.5	-	mg/kg	J+
16-20372	0816-01-0230	0-1	QBT 4	Magnesium	1050	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Manganese	195	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nickel	4.8	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20372	0816-01-0230	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20372	0816-01-0230	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Potassium	903	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	RDX	1.4	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Selenium	0.32	-	mg/kg	J-
16-20372	0816-01-0230	0-1	QBT 4	Silver	0.5	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Sodium	371	-	mg/kg	J
16-20372	0816-01-0230	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20372	0816-01-0230	0-1	QBT 4	Vanadium	6.8	-	mg/kg	None
16-20372	0816-01-0230	0-1	QBT 4	Zinc	34.9	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Aluminum	12700	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Antimony	0.86	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Arsenic	2.2	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Barium	71.3	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20444	0816-01-0231	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Beryllium	3.1	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Cadmium	0.1	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Calcium	1840	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20444	0816-01-0231	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chromium	8	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Copper	12.2	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20444	0816-01-0231	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Iron	14000	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Lead	4.5	-	mg/kg	J+
16-20444	0816-01-0231	0-1	QBT 4	Magnesium	2080	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Manganese	415	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nickel	6.3	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20444	0816-01-0231	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20444	0816-01-0231	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Potassium	1320	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	RDX	0.12	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Selenium	0.58	-	mg/kg	J-
16-20444	0816-01-0231	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Sodium	291	-	mg/kg	J
16-20444	0816-01-0231	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20444	0816-01-0231	0-1	QBT 4	Vanadium	12.8	-	mg/kg	None
16-20444	0816-01-0231	0-1	QBT 4	Zinc	46.6	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Aluminum	5310	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Antimony	0.82	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Arsenic	1.2	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Barium	36.5	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Beryllium	0.99	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Cadmium	0.075	-	mg/kg	J
16-20376T	0816-01-0232	0-1	QBT 4	Calcium	1560	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20376T	0816-01-0232	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chromium	10.1	-	mg/kg	J
16-20376T	0816-01-0232	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Cobalt	2.9	-	mg/kg	J
16-20376T	0816-01-0232	0-1	QBT 4	Copper	22.2	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Iron	12300	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Lead	4.1	-	mg/kg	J+
16-20376T	0816-01-0232	0-1	QBT 4	Magnesium	1590	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Manganese	348	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Mercury	0.017	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nickel	8.8	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20376T	0816-01-0232	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20376T	0816-01-0232	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Potassium	1330	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Selenium	0.47	-	mg/kg	J-
16-20376T	0816-01-0232	0-1	QBT 4	Silver	0.47	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Sodium	584	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20376T	0816-01-0232	0-1	QBT 4	Vanadium	11.4	-	mg/kg	None
16-20376T	0816-01-0232	0-1	QBT 4	Zinc	56.9	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Aluminum	4550	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Antimony	0.83	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Arsenic	0.11	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Barium	36.3	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20374	0816-01-0233	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Cadmium	0.087	-	mg/kg	J
16-20374	0816-01-0233	0-1	QBT 4	Calcium	1480	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20374	0816-01-0233	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chromium	5.7	-	mg/kg	J
16-20374	0816-01-0233	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20374	0816-01-0233	0-1	QBT 4	Copper	20.5	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20374	0816-01-0233	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	HMX	0.28	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Iron	10400	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Lead	3.6	-	mg/kg	J+
16-20374	0816-01-0233	0-1	QBT 4	Magnesium	1150	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Manganese	274	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nickel	5.7	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20374	0816-01-0233	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20374	0816-01-0233	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Potassium	1250	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	RDX	2.8	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Selenium	0.21	-	mg/kg	UJ
16-20374	0816-01-0233	0-1	QBT 4	Silver	0.48	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Sodium	608	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20374	0816-01-0233	0-1	QBT 4	Vanadium	7.9	-	mg/kg	None
16-20374	0816-01-0233	0-1	QBT 4	Zinc	51.3	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Aluminum	3800	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Antimony	0.83	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Arsenic	0.71	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Barium	42.9	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0234	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Cadmium	0.11	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Calcium	1500	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20373	0816-01-0234	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chromium	5.4	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Cobalt	2.4	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Copper	24.2	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0234	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Iron	9280	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Lead	3.4	-	mg/kg	J+
16-20373	0816-01-0234	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Manganese	284	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nickel	3.8	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20373	0816-01-0234	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0234	0-1	QBT 4	Nitrosodiethylamine[N-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Potassium	1120	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	RDX	0.8	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Selenium	0.4	-	mg/kg	J-
16-20373	0816-01-0234	0-1	QBT 4	Silver	0.48	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Sodium	474	-	mg/kg	J
16-20373	0816-01-0234	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20373	0816-01-0234	0-1	QBT 4	Vanadium	5.8	-	mg/kg	None
16-20373	0816-01-0234	0-1	QBT 4	Zinc	40.3	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Aluminum	2810	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Antimony	0.91	-	mg/kg	UJ
16-20334	0816-01-0235	0-1	QBT 4	Arsenic	0.97	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20334	0816-01-0235	0-1	QBT 4	Barium	335	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Beryllium	0.41	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Cadmium	0.094	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Calcium	944	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20334	0816-01-0235	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Cobalt	2.1	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Copper	25.6	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20334	0816-01-0235	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	HMX	0.2	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Iron	7720	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Lead	3.5	-	mg/kg	J-
16-20334	0816-01-0235	0-1	QBT 4	Magnesium	598	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Manganese	191	-	mg/kg	J+
16-20334	0816-01-0235	0-1	QBT 4	Mercury	0.019	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nickel	5.4	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20334	0816-01-0235	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20334	0816-01-0235	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrosodiethylamine[N-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Potassium	750	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	RDX	0.81	-	mg/kg	None
16-20334	0816-01-0235	0-1	QBT 4	Selenium	0.41	-	mg/kg	J-
16-20334	0816-01-0235	0-1	QBT 4	Silver	0.52	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Sodium	467	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20334	0816-01-0235	0-1	QBT 4	Vanadium	2.9	-	mg/kg	J
16-20334	0816-01-0235	0-1	QBT 4	Zinc	37.8	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Aluminum	3380	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Antimony	0.85	-	mg/kg	UJ
16-20335	0816-01-0236	0-1	QBT 4	Arsenic	0.12	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20335	0816-01-0236	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Barium	860	-	mg/kg	J
16-20335	0816-01-0236	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Beryllium	0.55	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Cadmium	0.068	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Calcium	825	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20335	0816-01-0236	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chromium	3.5	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Cobalt	2.8	-	mg/kg	J
16-20335	0816-01-0236	0-1	QBT 4	Copper	24.4	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20335	0816-01-0236	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Iron	8410	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Lead	3	-	mg/kg	J-
16-20335	0816-01-0236	0-1	QBT 4	Magnesium	751	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Manganese	240	-	mg/kg	J+
16-20335	0816-01-0236	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nickel	8.8	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20335	0816-01-0236	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20335	0816-01-0236	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrosodiethylamine[N-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Potassium	887	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	RDX	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Selenium	0.46	-	mg/kg	J-
16-20335	0816-01-0236	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Sodium	570	-	mg/kg	None
16-20335	0816-01-0236	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Thallium	0.012	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20335	0816-01-0236	0-1	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20335	0816-01-0236	0-1	QBT 4	Zinc	44.4	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Aluminum	17400	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Antimony	0.89	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20370	0816-01-0237	0-1	QBT 4	Arsenic	2.6	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Barium	179	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Beryllium	2.4	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Cadmium	0.086	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Calcium	1760	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chromium	9.2	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Cobalt	3.1	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Copper	29.5	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20370	0816-01-0237	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Iron	15800	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Lead	10.2	-	mg/kg	J-
16-20370	0816-01-0237	0-1	QBT 4	Magnesium	2370	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Manganese	256	-	mg/kg	J+
16-20370	0816-01-0237	0-1	QBT 4	Mercury	0.03	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nickel	11.2	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20370	0816-01-0237	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrosodiethylamine[N-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Potassium	1430	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	RDX	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Selenium	0.22	-	mg/kg	UJ
16-20370	0816-01-0237	0-1	QBT 4	Silver	0.51	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Sodium	283	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Thallium	0.15	-	mg/kg	J
16-20370	0816-01-0237	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20370	0816-01-0237	0-1	QBT 4	Vanadium	15.1	-	mg/kg	None
16-20370	0816-01-0237	0-1	QBT 4	Zinc	49.8	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Aluminum	2780	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Aniline	0.42	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20408	0816-01-0238	0-1	QBT 4	Antimony	0.98	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Arsenic	0.64	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Barium	25.1	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Beryllium	0.73	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Cadmium	0.18	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Calcium	1270	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chromium	5	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Copper	6.6	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20408	0816-01-0238	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	HMX	0.19	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Iron	8770	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Lead	2.6	-	mg/kg	J-
16-20408	0816-01-0238	0-1	QBT 4	Magnesium	996	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Manganese	234	-	mg/kg	J+
16-20408	0816-01-0238	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nickel	4.7	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20408	0816-01-0238	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20408	0816-01-0238	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Potassium	598	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	RDX	1.8	-	mg/kg	None
16-20408	0816-01-0238	0-1	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20408	0816-01-0238	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Sodium	278	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Thallium	0.29	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20408	0816-01-0238	0-1	QBT 4	Vanadium	5.8	-	mg/kg	J
16-20408	0816-01-0238	0-1	QBT 4	Zinc	34.1	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Aluminum	2380	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0239	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Barium	16.2	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Beryllium	0.48	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Calcium	901	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chromium	3.1	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Cobalt	1	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Copper	3.6	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0239	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Iron	8460	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Lead	1.8	-	mg/kg	J-
16-20409	0816-01-0239	0-1	QBT 4	Magnesium	905	-	mg/kg	None
16-20409	0816-01-0239	0-1	QBT 4	Manganese	230	-	mg/kg	J+
16-20409	0816-01-0239	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nickel	1.9	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0239	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0239	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Potassium	521	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Selenium	0.75	-	mg/kg	J-
16-20409	0816-01-0239	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Sodium	151	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Thallium	0.38	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0239	0-1	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20409	0816-01-0239	0-1	QBT 4	Zinc	37.3	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Aluminum	2190	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0240	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Barium	13.1	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Calcium	1110	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chromium	2.1	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Cobalt	0.96	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Copper	3.2	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Iron	8550	-	mg/kg	None
16-20409	0816-01-0240	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Lead	1.6	-	mg/kg	J-
16-20409	0816-01-0240	0-1	QBT 4	Magnesium	555	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Manganese	235	-	mg/kg	J+
16-20409	0816-01-0240	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nickel	3	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20409	0816-01-0240	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20409	0816-01-0240	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Potassium	302	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Selenium	0.57	-	mg/kg	J-
16-20409	0816-01-0240	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Sodium	131	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20409	0816-01-0240	0-1	QBT 4	Vanadium	3.2	-	mg/kg	J
16-20409	0816-01-0240	0-1	QBT 4	Zinc	33.7	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Aluminum	2860	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20411	0816-01-0241	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Arsenic	2	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Barium	14.7	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Beryllium	0.64	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Calcium	1230	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chromium	3	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Copper	2.8	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dichlorophthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Iron	8930	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Lead	2.8	-	mg/kg	J-
16-20411	0816-01-0241	0-1	QBT 4	Magnesium	749	-	mg/kg	None
16-20411	0816-01-0241	0-1	QBT 4	Manganese	194	-	mg/kg	J+
16-20411	0816-01-0241	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nickel	4.5	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20411	0816-01-0241	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Potassium	389	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20411	0816-01-0241	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Sodium	208	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20411	0816-01-0241	0-1	QBT 4	Vanadium	4.9	-	mg/kg	J
16-20411	0816-01-0241	0-1	QBT 4	Zinc	37.4	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Acenaphthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Acenaphthylene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Aluminum	2810	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0242	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Aniline	0.44	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Anthracene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Azobenzene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Barium	996	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Benzo(a)anthracene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(a)pyrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(b)fluoranthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(g,h,i)perylene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzo(k)fluoranthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Benzyl Alcohol	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Beryllium	0.42	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Bis(2-chloroethyl)ether	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Butylbenzylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Cadmium	0.083	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Calcium	863	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chloroaniline[4-]	0.44	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Chloronaphthalene[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chlorophenol[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Chrysene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Cobalt	2.6	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Copper	3.1	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Dibenz(a,h)anthracene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dibenzofuran	0.44	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzene[1,2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzene[1,3-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzene[1,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dichlorophenol[2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Diethylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dimethyl Phthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dimethylphenol[2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Di-n-butylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,6-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Di-n-octylphthalate	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Fluoranthene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Fluorene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachlorobenzene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachlorobutadiene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Hexachloroethane	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	HMX	0.79	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Iron	9050	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Isophorone	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Lead	2.4	-	mg/kg	J-
16-20418	0816-01-0242	0-1	QBT 4	Magnesium	720	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Manganese	250	-	mg/kg	J+
16-20418	0816-01-0242	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Methylnaphthalene[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Methylphenol[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Methylphenol[4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Naphthalene	0.44	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0242	0-1	QBT 4	Nickel	4.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Nitrobenzene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrophenol[2-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrosodiethylamine[N-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Phenanthrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Phenol	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Potassium	492	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Pyrene	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	RDX	4.6	-	mg/kg	None
16-20418	0816-01-0242	0-1	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20418	0816-01-0242	0-1	QBT 4	Silver	0.6	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Sodium	182	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Thallium	0.015	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.44	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20418	0816-01-0242	0-1	QBT 4	Vanadium	3.9	-	mg/kg	J
16-20418	0816-01-0242	0-1	QBT 4	Zinc	37.8	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0243	2-3	QBT 4	Aluminum	1930	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Barium	840	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Beryllium	0.34	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Calcium	909	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chromium	2.9	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Cobalt	2.6	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Copper	3	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0243	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	HMX	0.67	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Iron	8360	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Lead	2.8	-	mg/kg	J-
16-20418	0816-01-0243	2-3	QBT 4	Magnesium	578	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Manganese	241	-	mg/kg	J+
16-20418	0816-01-0243	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20418	0816-01-0243	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nickel	3.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Potassium	303	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	RDX	3.9	-	mg/kg	None
16-20418	0816-01-0243	2-3	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20418	0816-01-0243	2-3	QBT 4	Silver	0.58	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Sodium	148	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20418	0816-01-0243	2-3	QBT 4	Vanadium	3.7	-	mg/kg	J
16-20418	0816-01-0243	2-3	QBT 4	Zinc	33.5	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20419	0816-01-0244	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Aluminum	1860	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Aniline	0.41	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Antimony	0.98	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Barium	686	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Beryllium	0.37	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Cadmium	0.078	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Calcium	900	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chromium	2.5	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Cobalt	2.3	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Copper	1.6	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20419	0816-01-0244	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	HMX	0.45	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Iron	8510	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Lead	5	-	mg/kg	J-
16-20419	0816-01-0244	0-1	QBT 4	Magnesium	467	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Manganese	268	-	mg/kg	J+
16-20419	0816-01-0244	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20419	0816-01-0244	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nickel	2.7	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrosodiethylamine[N-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Potassium	291	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	RDX	1.1	-	mg/kg	None
16-20419	0816-01-0244	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20419	0816-01-0244	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Sodium	137	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20419	0816-01-0244	0-1	QBT 4	Vanadium	3.1	-	mg/kg	J
16-20419	0816-01-0244	0-1	QBT 4	Zinc	40.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20415	0816-01-0245	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Aluminum	3090	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Barium	20.2	-	mg/kg	J
16-20415	0816-01-0245	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Cadmium	0.081	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Calcium	1200	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chromium	4.7	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Cobalt	1.6	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20415	0816-01-0245	0-1	QBT 4	Copper	3.3	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Iron	8780	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Lead	3.9	-	mg/kg	J-
16-20415	0816-01-0245	0-1	QBT 4	Magnesium	1210	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Manganese	212	-	mg/kg	J+
16-20415	0816-01-0245	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20415	0816-01-0245	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nickel	4.9	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Potassium	700	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	RDX	0.46	-	mg/kg	None
16-20415	0816-01-0245	0-1	QBT 4	Selenium	0.26	-	mg/kg	UJ
16-20415	0816-01-0245	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Sodium	296	-	mg/kg	J
16-20415	0816-01-0245	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Thallium	0.014	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20415	0816-01-0245	0-1	QBT 4	Vanadium	5.3	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20415	0816-01-0245	0-1	QBT 4	Zinc	37.4	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Aluminum	4820	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Aniline	0.42	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Antimony	1	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Arsenic	0.37	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Barium	27	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Beryllium	0.66	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Calcium	1240	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chromium	5.5	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20416	0816-01-0246	0-1	QBT 4	Cobalt	1.7	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Copper	4.2	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	HMX	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Iron	9860	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Lead	7	-	mg/kg	J-
16-20416	0816-01-0246	0-1	QBT 4	Magnesium	1260	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Manganese	236	-	mg/kg	J+
16-20416	0816-01-0246	0-1	QBT 4	Mercury	0.021	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20416	0816-01-0246	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nickel	5.9	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrosodiethylamine[N-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Potassium	679	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Pyrene	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	RDX	0.17	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Selenium	0.25	-	mg/kg	UJ
16-20416	0816-01-0246	0-1	QBT 4	Silver	0.58	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Sodium	206	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Thallium	0.12	-	mg/kg	J
16-20416	0816-01-0246	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20416	0816-01-0246	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20416	0816-01-0246	0-1	QBT 4	Vanadium	6.9	-	mg/kg	None
16-20416	0816-01-0246	0-1	QBT 4	Zinc	46	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Aluminum	2160	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Aniline	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Antimony	1	-	mg/kg	UJ
16-20189	0816-01-0247	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Barium	1400	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Beryllium	0.23	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Cadmium	0.083	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Calcium	430	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20189	0816-01-0247	2-3	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Chromium	2.6	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0247	2-3	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Cobalt	3.3	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Copper	3.4	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrobenzene[1,3-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	HMX	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Iron	7090	-	mg/kg	None
16-20189	0816-01-0247	2-3	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Lead	3.4	-	mg/kg	J-
16-20189	0816-01-0247	2-3	QBT 4	Magnesium	417	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Manganese	120	-	mg/kg	J+

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0247	2-3	QBT 4	Mercury	0.022	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nickel	4	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20189	0816-01-0247	2-3	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrobenzene	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrosodiethylamine[N-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrotoluene[2-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrotoluene[3-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Nitrotoluene[4-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Phenol	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Potassium	341	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	RDX	0.12	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Selenium	0.35	-	mg/kg	J-
16-20189	0816-01-0247	2-3	QBT 4	Silver	0.59	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Sodium	76	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Tetryl	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Thallium	0.059	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0247	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.33	-	mg/kg	U
16-20189	0816-01-0247	2-3	QBT 4	Vanadium	1.5	-	mg/kg	J
16-20189	0816-01-0247	2-3	QBT 4	Zinc	18	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Aluminum	16800	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.439	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.524	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20592	0816-01-0248	0-1	QBT 3	Arsenic	2.7	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Barium	2430	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20592	0816-01-0248	0-1	QBT 3	Calcium	2800	-	mg/kg	J
16-20592	0816-01-0248	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Chromium	10.8	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20592	0816-01-0248	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Cobalt	8.2	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Copper	17.4	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	HMX	2.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Iron	14800	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Lead	26.5	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Magnesium	2190	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Manganese	182	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20592	0816-01-0248	0-1	QBT 3	Mercury	0.059	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nickel	9.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Potassium	1240	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	RDX	10.8	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20592	0816-01-0248	0-1	QBT 3	Silver	1.2	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Sodium	202	-	mg/kg	J
16-20592	0816-01-0248	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Thallium	1.3	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20592	0816-01-0248	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20592	0816-01-0248	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.129	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Vanadium	24.7	-	mg/kg	None
16-20592	0816-01-0248	0-1	QBT 3	Zinc	46.5	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Aluminum	5270	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.204	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.197	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Aniline	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Antimony	2.7	-	mg/kg	J-
16-20741	0816-01-0249	5-5	QBT 3	Arsenic	0.62	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Barium	1110	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Beryllium	0.51	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Bromide	0.761	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Cadmium	0.098	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Calcium	1170	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Chloride	13.8	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0249	5-5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Chromium	4.9	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Cobalt	4	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Copper	8.1	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Fluoride	1.42	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	HMX	3.71	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Iron	9110	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Isophorone	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0249	5-5	QBT 3	Lead	20.6	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Magnesium	714	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Manganese	260	-	mg/kg	J-
16-20741	0816-01-0249	5-5	QBT 3	Mercury	0.018	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nickel	3.8	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Oxalate	1.01	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Perchlorate	0.0676	-	mg/kg	UJ
16-20741	0816-01-0249	5-5	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Phenol	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Potassium	798	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	RDX	1.44	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Selenium	0.37	-	mg/kg	J-
16-20741	0816-01-0249	5-5	QBT 3	Silver	0.53	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Sodium	62.8	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Sulfate	15.1	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0249	5-5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Thallium	0.62	-	mg/kg	J
16-20741	0816-01-0249	5-5	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0249	5-5	QBT 3	Vanadium	10.3	-	mg/kg	None
16-20741	0816-01-0249	5-5	QBT 3	Zinc	37.9	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Aluminum	6100	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.107	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Antimony	0.91	-	mg/kg	UJ
16-20741	0816-01-0250	2-3	QBT 3	Arsenic	0.35	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Barium	582	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Beryllium	0.44	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Bromide	0.589	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Cadmium	0.073	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0250	2-3	QBT 3	Calcium	1270	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Chloride	16.5	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Chromium	5.1	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Cobalt	4.2	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Copper	3.9	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Fluoride	0.872	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0250	2-3	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	HMX	3.28	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Iron	9720	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Lead	11	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Magnesium	884	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Manganese	309	-	mg/kg	J-
16-20741	0816-01-0250	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nickel	4	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Oxalate	1.04	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Perchlorate	0.0695	-	mg/kg	UJ
16-20741	0816-01-0250	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Potassium	862	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20741	0816-01-0250	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	RDX	1.15	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20741	0816-01-0250	2-3	QBT 3	Silver	1.5	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Sodium	61.2	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Sulfate	10.5	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Thallium	0.46	-	mg/kg	J
16-20741	0816-01-0250	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20741	0816-01-0250	2-3	QBT 3	Vanadium	11.3	-	mg/kg	None
16-20741	0816-01-0250	2-3	QBT 3	Zinc	34.8	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Aluminum	6850	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.0905	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Antimony	0.85	-	mg/kg	UJ
16-20661	0816-01-0251	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Barium	171	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0251	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Bromide	0.994	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Calcium	1170	-	mg/kg	J
16-20661	0816-01-0251	2-3	QBT 3	Chloride	12.5	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Chromium	6.7	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Cobalt	5.1	-	mg/kg	J
16-20661	0816-01-0251	2-3	QBT 3	Copper	3.5	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0251	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Fluoride	1.56	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	HMX	0.302	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Iron	12000	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Lead	12	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Magnesium	1360	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Manganese	581	-	mg/kg	J-
16-20661	0816-01-0251	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nickel	4.5	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Oxalate	0.761	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0251	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Perchlorate	0.066	-	mg/kg	UJ
16-20661	0816-01-0251	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Potassium	1250	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	RDX	1.24	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Selenium	0.21	-	mg/kg	UJ
16-20661	0816-01-0251	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Sodium	79.9	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Sulfate	37.3	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Thallium	0.41	-	mg/kg	J
16-20661	0816-01-0251	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0251	2-3	QBT 3	Vanadium	17.2	-	mg/kg	None
16-20661	0816-01-0251	2-3	QBT 3	Zinc	32.8	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Acenaphthene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Acenaphthylene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Aluminum	6940	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Aniline	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Anthracene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Antimony	0.92	-	mg/kg	UJ
16-20661	0816-01-0252	6-7	QBT 3	Arsenic	1.9	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Azobenzene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Barium	47.6	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0252	6-7	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Beryllium	0.65	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Bromide	1.3	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Cadmium	0.074	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Calcium	866	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Chloride	12.8	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Chromium	5.7	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Chrysene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Cobalt	4.2	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Copper	3.1	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dibenzofuran	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Diethylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0252	6-7	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Fluoranthene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Fluorene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Fluoride	1.36	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Hexachloroethane	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	HMX	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Iron	10800	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Isophorone	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Lead	8.4	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Magnesium	1140	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Manganese	270	-	mg/kg	J-
16-20661	0816-01-0252	6-7	QBT 3	Mercury	0.02	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Naphthalene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nickel	4	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrobenzene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20661	0816-01-0252	6-7	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Oxalate	1.05	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Perchlorate	0.0702	-	mg/kg	UJ
16-20661	0816-01-0252	6-7	QBT 3	Phenanthrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Phenol	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Potassium	1200	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Pyrene	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	RDX	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20661	0816-01-0252	6-7	QBT 3	Silver	0.53	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Sodium	126	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Sulfate	39.6	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Thallium	0.39	-	mg/kg	J
16-20661	0816-01-0252	6-7	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20661	0816-01-0252	6-7	QBT 3	Vanadium	14.4	-	mg/kg	None
16-20661	0816-01-0252	6-7	QBT 3	Zinc	26.3	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Aluminum	7830	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Aniline	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Anthracene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Antimony	2.9	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0253	2-3	ALLH	Arsenic	1.6	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Barium	323	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Beryllium	0.67	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Bromide	1.07	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Cadmium	1.4	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Calcium	2220	-	mg/kg	J
16-20694T	0816-01-0253	2-3	ALLH	Chloride	25.5	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Chromium	8.8	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Chrysene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Cobalt	4.4	-	mg/kg	J
16-20694T	0816-01-0253	2-3	ALLH	Copper	18.8	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0253	2-3	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Fluorene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Fluoride	0.811	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Hexachloroethane	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	HMX	0.12	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Iron	15200	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Isophorone	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Lead	61.5	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Magnesium	1340	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Manganese	374	-	mg/kg	J-
16-20694T	0816-01-0253	2-3	ALLH	Mercury	0.02	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nickel	9.7	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0253	2-3	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrobenzene	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Oxalate	1.06	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Perchlorate	0.0705	-	mg/kg	UJ
16-20694T	0816-01-0253	2-3	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Phenol	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Potassium	1370	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Pyrene	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	RDX	0.205	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Selenium	0.29	-	mg/kg	J-
16-20694T	0816-01-0253	2-3	ALLH	Silver	0.53	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Sodium	76.5	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Sulfate	65.4	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Tetryl	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Thallium	0.25	-	mg/kg	J
16-20694T	0816-01-0253	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0253	2-3	ALLH	Vanadium	14.2	-	mg/kg	None
16-20694T	0816-01-0253	2-3	ALLH	Zinc	912	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Acenaphthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Acenaphthylene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Aluminum	4330	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Aniline	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Anthracene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Antimony	0.85	-	mg/kg	UJ
16-20694T	0816-01-0254	10-10	ALLH	Arsenic	1.1	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Azobenzene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Barium	94.4	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Benzyl Alcohol	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Beryllium	0.45	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Bromide	0.563	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Cadmium	0.068	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Calcium	877	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Chloride	13.2	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Chromium	3.7	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Chrysene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Cobalt	2.8	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Copper	3.5	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dibenzofuran	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Diethylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Fluoranthene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Fluorene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Fluoride	0.889	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Hexachlorobenzene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Hexachloroethane	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	HMX	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Iron	8630	-	mg/kg	
16-20694T	0816-01-0254	10-10	ALLH	Isophorone	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Lead	8.9	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Magnesium	693	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Manganese	265	-	mg/kg	J-
16-20694T	0816-01-0254	10-10	ALLH	Mercury	0.018	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Methylnaphthalene[2-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Methylphenol[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Methylphenol[4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Naphthalene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nickel	3.5	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrobenzene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrobenzene	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Oxalate	0.977	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Perchlorate	0.0651	-	mg/kg	UJ
16-20694T	0816-01-0254	10-10	ALLH	Phenanthrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Phenol	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Potassium	747	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Pyrene	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	RDX	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Selenium	0.37	-	mg/kg	J-
16-20694T	0816-01-0254	10-10	ALLH	Silver	0.49	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Sodium	41.5	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Sulfate	24.5	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Tetryl	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Thallium	0.18	-	mg/kg	J
16-20694T	0816-01-0254	10-10	ALLH	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20694T	0816-01-0254	10-10	ALLH	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20694T	0816-01-0254	10-10	ALLH	Vanadium	11	-	mg/kg	None
16-20694T	0816-01-0254	10-10	ALLH	Zinc	28.4	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Aluminum	6860	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.314	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.355	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20702T	0816-01-0255	0-1	QBT 3	Arsenic	1.1	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Barium	1590	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Beryllium	0.55	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.53	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Bromide	0.912	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Cadmium	0.078	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Calcium	1390	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Chloride	13.7	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0255	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Chromium	5.2	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Cobalt	5.5	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Copper	6.5	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Fluoride	2.38	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	HMX	3.14	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Iron	10400	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0255	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Lead	11.6	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Magnesium	998	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Manganese	249	-	mg/kg	J-
16-20702T	0816-01-0255	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nickel	3.6	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Oxalate	2.36	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Perchlorate	0.168	-	mg/kg	UJ
16-20702T	0816-01-0255	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Potassium	860	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	RDX	2.92	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20702T	0816-01-0255	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Sodium	68.2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0255	0-1	QBT 3	Sulfate	17.7	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Thallium	0.2	-	mg/kg	J
16-20702T	0816-01-0255	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0255	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.157	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Vanadium	11.7	-	mg/kg	None
16-20702T	0816-01-0255	0-1	QBT 3	Zinc	40.3	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Aluminum	6070	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.298	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.321	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Antimony	0.9	-	mg/kg	UJ
16-20702T	0816-01-0256	0-1	QBT 3	Arsenic	1.2	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Barium	1880	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Beryllium	0.54	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Bromide	0.596	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0256	0-1	QBT 3	Cadmium	0.087	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Calcium	1300	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Chloride	12.5	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Chromium	4.7	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Cobalt	7.6	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Copper	6.9	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Fluoride	1.07	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0256	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	HMX	3.4	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Iron	10200	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Lead	14.3	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Magnesium	914	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Manganese	328	-	mg/kg	J-
16-20702T	0816-01-0256	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nickel	3.9	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Oxalate	1	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Perchlorate	0.17	-	mg/kg	UJ
16-20702T	0816-01-0256	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Phenol	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0256	0-1	QBT 3	Potassium	753	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	RDX	2.76	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20702T	0816-01-0256	0-1	QBT 3	Silver	0.87	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Sodium	79.5	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Sulfate	8.93	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Thallium	0.19	-	mg/kg	J
16-20702T	0816-01-0256	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0256	0-1	QBT 3	Vanadium	13	-	mg/kg	None
16-20702T	0816-01-0256	0-1	QBT 3	Zinc	44.5	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Aluminum	6080	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Aniline	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20702T	0816-01-0257	4-5	QBT 3	Arsenic	0.98	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Barium	261	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Beryllium	0.74	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0257	4-5	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Bromide	0.805	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Calcium	1160	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Chloride	20.1	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Chromium	5.3	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Cobalt	3.8	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Copper	5.2	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0257	4-5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Fluoride	1.27	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	HMX	0.362	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Iron	9940	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Lead	9.2	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Magnesium	969	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Manganese	318	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nickel	5	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0257	4-5	QBT 3	Oxalate	0.387	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Perchlorate	0.0664	-	mg/kg	UJ
16-20702T	0816-01-0257	4-5	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Phenol	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Potassium	678	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	RDX	2.47	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Selenium	0.45	-	mg/kg	J-
16-20702T	0816-01-0257	4-5	QBT 3	Silver	0.51	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Sodium	68.5	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Sulfate	22.9	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Thallium	0.2	-	mg/kg	J
16-20702T	0816-01-0257	4-5	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0257	4-5	QBT 3	Vanadium	12.2	-	mg/kg	None
16-20702T	0816-01-0257	4-5	QBT 3	Zinc	35.2	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Aluminum	6560	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Aniline	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Antimony	0.89	-	mg/kg	UJ
16-20702T	0816-01-0258	4-5	QBT 3	Arsenic	1.4	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Barium	193	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Beryllium	0.94	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Bromide	0.798	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Cadmium	0.084	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Calcium	1220	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Chloride	10.8	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Chromium	5.5	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Cobalt	3.9	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Copper	4.9	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0258	4-5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Fluoride	0.812	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	HMX	0.371	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Iron	10800	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Lead	11.2	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Magnesium	1050	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Manganese	421	-	mg/kg	J-
16-20702T	0816-01-0258	4-5	QBT 3	Mercury	0.019	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nickel	5.4	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20702T	0816-01-0258	4-5	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Oxalate	0.498	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Perchlorate	0.0679	-	mg/kg	UJ
16-20702T	0816-01-0258	4-5	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Phenol	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Potassium	744	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	RDX	2.86	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Selenium	0.65	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Silver	0.51	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Sodium	71.1	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Sulfate	22.9	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Thallium	0.26	-	mg/kg	J
16-20702T	0816-01-0258	4-5	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20702T	0816-01-0258	4-5	QBT 3	Vanadium	15.1	-	mg/kg	None
16-20702T	0816-01-0258	4-5	QBT 3	Zinc	31.4	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Aluminum	1430	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0259	0-1	QBT 3	Antimony	0.83	-	mg/kg	UJ
16-20596	0816-01-0259	0-1	QBT 3	Arsenic	0.34	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Barium	41	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Beryllium	0.36	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Cadmium	0.066	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Calcium	249	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Chromium	1.2	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Copper	2.4	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0259	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	HMX	0.272	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Iron	6860	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Lead	2.6	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Magnesium	201	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Manganese	255	-	mg/kg	J-
16-20596	0816-01-0259	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nickel	1.4	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0259	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Potassium	341	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	RDX	1.14	-	mg/kg	None
16-20596	0816-01-0259	0-1	QBT 3	Selenium	0.3	-	mg/kg	J-
16-20596	0816-01-0259	0-1	QBT 3	Silver	0.48	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Sodium	151	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Thallium	0.062	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0259	0-1	QBT 3	Vanadium	1.9	-	mg/kg	J
16-20596	0816-01-0259	0-1	QBT 3	Zinc	39.6	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Aluminum	1650	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0260	0-1	QBT 3	Antimony	0.84	-	mg/kg	UJ
16-20596	0816-01-0260	0-1	QBT 3	Arsenic	0.47	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Barium	49.3	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Beryllium	0.36	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Cadmium	0.067	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Calcium	297	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Chromium	10.4	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Cobalt	2.6	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0260	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	HMX	0.242	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Iron	7460	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Lead	2.8	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Magnesium	209	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Manganese	245	-	mg/kg	J-
16-20596	0816-01-0260	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nickel	1.4	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20596	0816-01-0260	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Potassium	266	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	RDX	1.04	-	mg/kg	None
16-20596	0816-01-0260	0-1	QBT 3	Selenium	0.36	-	mg/kg	J-
16-20596	0816-01-0260	0-1	QBT 3	Silver	0.6	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Sodium	149	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Thallium	0.06	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20596	0816-01-0260	0-1	QBT 3	Vanadium	2.3	-	mg/kg	J
16-20596	0816-01-0260	0-1	QBT 3	Zinc	42.6	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Aluminum	1520	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20665	0816-01-0261	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Arsenic	0.12	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Barium	16.7	-	mg/kg	J+
16-20665	0816-01-0261	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Beryllium	0.33	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Cadmium	0.068	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Calcium	193	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chromium	1	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Cobalt	3.6	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Copper	2.2	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20665	0816-01-0261	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	HMX	0.248	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20665	0816-01-0261	0-1	QBT 4	Iron	6210	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Lead	4.7	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Magnesium	201	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Manganese	164	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Mercury	0.18	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nickel	2.7	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20665	0816-01-0261	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Potassium	253	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	RDX	0.138	-	mg/kg	None
16-20665	0816-01-0261	0-1	QBT 4	Selenium	0.21	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Sodium	61.3	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Thallium	0.15	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20665	0816-01-0261	0-1	QBT 4	Vanadium	3.8	-	mg/kg	J
16-20665	0816-01-0261	0-1	QBT 4	Zinc	29	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Acenaphthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Acenaphthylene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Aluminum	12400	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Aniline	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20153	0816-01-0262	0-1	Fill	Anthracene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Antimony	0.97	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Arsenic	2	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Azobenzene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Barium	789	-	mg/kg	J+
16-20153	0816-01-0262	0-1	Fill	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzoic Acid	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Benzyl Alcohol	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Beryllium	1.2	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Cadmium	0.077	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Calcium	2350	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chromium	5.8	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Chrysene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Cobalt	3.5	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Copper	5.2	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dibenzofuran	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20153	0816-01-0262	0-1	Fill	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Diethylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Fluoranthene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Fluorene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachlorobenzene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Hexachloroethane	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	HMX	0.118	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Iron	11700	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Isophorone	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Lead	15.7	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Magnesium	1700	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Manganese	130	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Mercury	0.024	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Methylphenol[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Methylphenol[4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Naphthalene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nickel	8.1	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Nitroaniline[2-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitroaniline[3-]	2	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20153	0816-01-0262	0-1	Fill	Nitroaniline[4-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrobenzene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrobenzene	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrophenol[4-]	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Pentachlorophenol	2	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Phenanthrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Phenol	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Potassium	1700	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Pyrene	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	RDX	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Selenium	0.24	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Silver	0.55	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Sodium	267	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Tetryl	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Thallium	0.48	-	mg/kg	J
16-20153	0816-01-0262	0-1	Fill	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20153	0816-01-0262	0-1	Fill	Vanadium	12.7	-	mg/kg	None
16-20153	0816-01-0262	0-1	Fill	Zinc	33.9	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Aluminum	1980	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0263	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Antimony	0.83	-	mg/kg	UJ
16-20595	0816-01-0263	0-1	QBT 3	Arsenic	0.33	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Barium	74.7	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Cadmium	0.066	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Calcium	437	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Chromium	1.5	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Copper	2.2	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0263	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	HMX	0.393	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Iron	8100	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Lead	3.5	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Magnesium	284	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Manganese	319	-	mg/kg	J-
16-20595	0816-01-0263	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0263	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Potassium	254	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	RDX	0.881	-	mg/kg	None
16-20595	0816-01-0263	0-1	QBT 3	Selenium	0.42	-	mg/kg	J-
16-20595	0816-01-0263	0-1	QBT 3	Silver	0.55	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Sodium	135	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Thallium	0.063	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0263	0-1	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20595	0816-01-0263	0-1	QBT 3	Zinc	44.8	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Aluminum	1850	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0264	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Antimony	0.84	-	mg/kg	UJ
16-20595	0816-01-0264	0-1	QBT 3	Arsenic	0.22	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Barium	69.5	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Cadmium	0.067	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Calcium	401	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Chromium	1.6	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0264	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	HMX	0.752	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Iron	7920	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Lead	3.9	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Magnesium	282	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Manganese	377	-	mg/kg	J-
16-20595	0816-01-0264	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20595	0816-01-0264	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Potassium	287	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	RDX	1.5	-	mg/kg	None
16-20595	0816-01-0264	0-1	QBT 3	Selenium	0.36	-	mg/kg	J-
16-20595	0816-01-0264	0-1	QBT 3	Silver	0.48	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Sodium	124	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Thallium	0.067	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20595	0816-01-0264	0-1	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20595	0816-01-0264	0-1	QBT 3	Zinc	44.7	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Aluminum	1620	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0265	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Antimony	0.85	-	mg/kg	UJ
16-20598	0816-01-0265	0-1	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Barium	116	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Beryllium	0.38	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bromide	0.0809	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Calcium	242	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Chloride	17	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Chromium	0.81	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Cobalt	1.4	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Copper	1.7	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dichlorophthalol[2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Fluoride	4.19	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	HMX	0.448	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Iron	7580	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Lead	4	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Magnesium	185	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Manganese	372	-	mg/kg	J-
16-20598	0816-01-0265	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0265	0-1	QBT 3	Nickel	2.2	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Oxalate	0.971	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Perchlorate	0.0647	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Potassium	279	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	RDX	1.8	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Selenium	0.48	-	mg/kg	J-
16-20598	0816-01-0265	0-1	QBT 3	Silver	0.67	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Sodium	110	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Sulfate	9.73	-	mg/kg	None
16-20598	0816-01-0265	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Thallium	0.043	-	mg/kg	J
16-20598	0816-01-0265	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0265	0-1	QBT 3	Vanadium	2.2	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0265	0-1	QBT 3	Zinc	43.7	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Acenaphthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Acenaphthylene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Aluminum	1340	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Aniline	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Anthracene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Antimony	0.88	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Arsenic	0.29	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Azobenzene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Barium	9.7	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Beryllium	0.6	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Bromide	0.0836	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Cadmium	0.09	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Calcium	278	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Chloride	14.2	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Chromium	1.1	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0266	2-3	QBT 3	Chrysene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Copper	1.8	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dibenzofuran	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Diethylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Fluoranthene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Fluorene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Fluoride	4.43	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Hexachloroethane	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	HMX	0.39	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Iron	7570	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Isophorone	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Lead	3.1	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Magnesium	227	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0266	2-3	QBT 3	Manganese	302	-	mg/kg	J-
16-20598	0816-01-0266	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Naphthalene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nickel	1.5	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrobenzene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Oxalate	1.12	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Perchlorate	0.0668	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Phenanthrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Phenol	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Potassium	279	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Pyrene	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	RDX	1.25	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Selenium	0.27	-	mg/kg	J-
16-20598	0816-01-0266	2-3	QBT 3	Silver	0.51	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Sodium	110	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Sulfate	7.44	-	mg/kg	None
16-20598	0816-01-0266	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Thallium	0.035	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20598	0816-01-0266	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	UJ
16-20598	0816-01-0266	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20598	0816-01-0266	2-3	QBT 3	Vanadium	2.2	-	mg/kg	J
16-20598	0816-01-0266	2-3	QBT 3	Zinc	43	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	210	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Acenaphthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Acenaphthylene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Acetone	0.024	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Aldrin	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aluminum	11600	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Americium-241	-0.15	0.100	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aniline	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Anthracene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Antimony	0.26	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1016	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1221	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1232	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1242	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1248	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1254	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Aroclor-1260	0.039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Arsenic	2.9	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Azobenzene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Barium	6630	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Benzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Beryllium	1.1	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	BHC[alpha-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	BHC[beta-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	BHC[delta-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	BHC[gamma-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bis(2-chloroethyl)ether	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bromobenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromochloromethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromodichloromethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromoform	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Bromomethane	0.012	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Butanone[2-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzene[n-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzene[sec-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzene[tert-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Cadmium	0.018	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Calcium	706	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Carbon Disulfide	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Carbon Tetrachloride	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Cesium-134	0.004	0.043	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Cesium-137	-0.02	0.050	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Chlorobenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlorodibromomethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloroethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloroform	0.006	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Chloromethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chloronaphthalene[2-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Chlorotoluene[2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chlorotoluene[4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chromium	5.8	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Chrysene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Cobalt	4.7	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Cobalt-60	0.077	0.045	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Copper	5.8	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	D[2,4-]	0.095	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dalapon	0.048	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DB[2,4-]	1.4	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DDD[4,4'-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DDE[4,4'-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	DDT[4,4'-]	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dibenzofuran	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dibromoethane[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dibromomethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dicamba	0.075	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,2-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,3-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzene[1,4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethane[1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethane[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethene[1,1-]	0.006	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Dichloroethene[cis/trans-1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropane[1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropane[1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropane[2,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropene[1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropene[cis-1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichloropropene[trans-1,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dichlorprop	0.095	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dieldrin	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Diethylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dimethyl Phthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Di-n-butylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Dinitrotoluene[2,6-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Dinoseb	5.4	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endosulfan I	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endosulfan II	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endrin	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endrin Aldehyde	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Endrin Ketone	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Ethylbenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Europium-152	0.02	0.225	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Fluoranthene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Fluorene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Heptachlor	0.002	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlor Epoxide	0.002	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	4.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzodioxins (Total)	4.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	3.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	4.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Heptachlorodibenzofurans (Total)	3.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorobenzene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorobutadiene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.6E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzodioxins (Total)	3.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,4,7,8-]	2.6E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,6,7,8-]	2.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,7,8,9-]	2.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofuran[2,3,4,6,7,8-]	2.7E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachlorodibenzofurans (Total)	2.5E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Hexachloroethane	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Hexanone[2-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	HMX	0.34	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Iodomethane	0.006	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Iron	11800	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Isophorone	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Isopropylbenzene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Isopropyltoluene[4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Lead	7.5	-	mg/kg	J+
16-20006	0816-01-0289	0-0.5	Fill	Magnesium	1510	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Manganese	131	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	MCPA	9.5	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Mercury	0.037	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methylene Chloride	0.0011	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methylnaphthalene[2-]	0.39	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Methylphenol[2-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Methylphenol[4-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Naphthalene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nickel	5.6	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Nitroaniline[2-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitroaniline[4-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrobenzene	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrobenzene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrophenol[4-]	1.9	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	4.2E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	5.6E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzodioxin[1,2,3,7,8-]	9.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzodioxins (Total)	0.00096	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzofuran[1,2,3,7,8-]	0.00033	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzofuran[2,3,4,7,8-]	0.0003	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorodibenzofurans (Totals)	0.0003	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Phenanthrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Phenol	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Potassium	1360	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Propylbenzene[1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Pyrene	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	RDX	0.28	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Ruthenium-106	-0.71	0.405	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Selenium	0.31	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20006	0816-01-0289	0-0.5	Fill	Silver	0.54	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Sodium	143	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Styrene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzodioxin[2,3,7,8-]	2.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzodioxins (Total)	2.9E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachlorodibenzofurans (Total)	6.4E-05	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetrachloroethene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Tetryl	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Thallium	0.56	-	mg/kg	J
16-20006	0816-01-0289	0-0.5	Fill	Toluene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Toxaphene (Technical Grade)	0.08	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	TP[2,4,5-]	0.024	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	UJ
16-20006	0816-01-0289	0-0.5	Fill	Trichloroethane[1,1,1-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichloroethane[1,1,2-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichloroethene	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichloropropane[1,2,3-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trichlorotrifluoroethane	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trimethylbenzene[1,2,4-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trimethylbenzene[1,3,5-]	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Uranium-234	0.73	0.090	pCi/g	None
16-20006	0816-01-0289	0-0.5	Fill	Uranium-235	0.037	0.018	pCi/g	U
16-20006	0816-01-0289	0-0.5	Fill	Uranium-238	0.85	0.105	pCi/g	None
16-20006	0816-01-0289	0-0.5	Fill	Vanadium	12	-	mg/kg	None
16-20006	0816-01-0289	0-0.5	Fill	Vinyl Chloride	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Xylene (Total)	0.006	-	mg/kg	U
16-20006	0816-01-0289	0-0.5	Fill	Zinc	31.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20189	0816-01-0289	0-0.5	Fill	Asbestos	0	-	pct	U
16-20189	0816-01-0289	0-0.5	Fill	pH	7.6	-	su	None
16-20189	0816-01-0289	0-0.5	Fill	Sulfide, Reactive	5.3	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.4	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Acenaphthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Acenaphthylene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Acetone	0.014	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Aldrin	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aluminum	6510	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Americium-241	0.08	0.080	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.18	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.19	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aniline	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Anthracene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Antimony	0.38	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1016	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1221	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1232	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1242	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1248	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1254	0.035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Aroclor-1260	0.061	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Arsenic	2.7	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Azobenzene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Barium	558	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Benzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Benzyl Alcohol	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Beryllium	0.78	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	BHC[alpha-]	0.0018	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	BHC[beta-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	BHC[delta-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	BHC[gamma-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromobenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromochloromethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromodichloromethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromoform	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Bromomethane	0.01	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butanone[2-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzene[n-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzene[sec-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzene[tert-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Cadmium	0.016	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Calcium	1780	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Carbon Disulfide	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Carbon Tetrachloride	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Cesium-134	-0.036	0.048	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Cesium-137	0.089	0.049	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorobenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorodibromomethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloroethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloroform	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloromethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Chlorotoluene[2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chlorotoluene[4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chromium	6.8	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Chrysene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Cobalt	3	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Cobalt-60	0.108	0.047	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Copper	7.3	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	D[2,4-]	0.084	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dalapon	0.042	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DB[2,4-]	0.13	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	DDT[4,4'-]	0.0079	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibenzofuran	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibromoethane[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dibromomethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dicamba	0.042	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzene[1,4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorodifluoromethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethane[1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethane[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethene[1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloroethene[cis/trans-1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropane[1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropane[1,3-]	0.0052	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropane[2,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropene[1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropene[cis-1,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichloropropene[trans-1,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dichlorprop	0.084	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dieldrin	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Diethylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Dinoseb	3.3	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endosulfan I	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endosulfan II	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endrin	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Endrin Ketone	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Ethylbenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Europium-152	0.13	0.215	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Fluoranthene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Fluorene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlor	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzodioxins (Total)	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	2.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	3.2E-05	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Heptachlorodibenzofurans (Total)	2.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorobenzene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	2.6E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	2.9E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzodioxins (Total)	2.5E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,7,8,9-]	1.9E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.8E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachlorodibenzofurans (Total)	1.7E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexachloroethane	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Hexanone[2-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	HMX	5.7	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Iodomethane	0.0052	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Iron	10400	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Isophorone	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Isopropylbenzene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Isopropyltoluene[4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Lead	8.9	-	mg/kg	J+
16-20004	0816-01-0293	0-0.5	Fill	Magnesium	1290	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Manganese	181	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	MCPA	8.4	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Mercury	0.02	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Methoxychlor[4,4'-]	0.0035	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methyl-2-pentanone[4-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylene Chloride	0.00065	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylphenol[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Methylphenol[4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Naphthalene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nickel	4.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Nitrobenzene	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrobenzene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrophenol[4-]	1.7	-	mg/kg	UJ
16-20004	0816-01-0293	0-0.5	Fill	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	9.9E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.2E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzodioxin[1,2,3,7,8-]	6.8E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzodioxins (Total)	0.0013	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzofuran[1,2,3,7,8-]	0.00043	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzofuran[2,3,4,7,8-]	0.00039	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorodibenzofurans (Totals)	0.00039	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Phenanthrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Phenol	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Potassium	988	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Propylbenzene[1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Pyrene	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	RDX	0.74	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Ruthenium-106	-0.12	0.390	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Selenium	0.36	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Silver	0.48	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Sodium	102	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Styrene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzodioxin[2,3,7,8-]	2.3E-05	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzodioxins (Total)	2.3E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzofuran[2,3,7,8-]	5.6E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachlorodibenzofurans (Total)	5.6E-05	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetrachloroethene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Tetryl	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Thallium	0.16	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Toluene	0.001	-	mg/kg	J
16-20004	0816-01-0293	0-0.5	Fill	Toxaphene (Technical Grade)	0.07	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	TP[2,4,5-]	0.021	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloroethane[1,1,1-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloroethane[1,1,2-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloroethene	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorofluoromethane	0.01	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichloropropane[1,2,3-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trichlorotrifluoroethane	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trimethylbenzene[1,2,4-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trimethylbenzene[1,3,5-]	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Uranium-234	0.48	0.060	pCi/g	None
16-20004	0816-01-0293	0-0.5	Fill	Uranium-235	0.025	0.009	pCi/g	U
16-20004	0816-01-0293	0-0.5	Fill	Uranium-238	0.51	0.060	pCi/g	None
16-20004	0816-01-0293	0-0.5	Fill	Vanadium	12.2	-	mg/kg	None
16-20004	0816-01-0293	0-0.5	Fill	Vinyl Chloride	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Xylene (Total)	0.0052	-	mg/kg	U
16-20004	0816-01-0293	0-0.5	Fill	Zinc	38.1	-	mg/kg	None
16-20316	0816-01-0293	0-0.5	Fill	Asbestos	0	-	pct	U
16-20316	0816-01-0293	0-0.5	Fill	pH	7.4	-	su	None
16-20316	0816-01-0293	0-0.5	Fill	Sulfide, Reactive	4.7	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	10	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Acenaphthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Acenaphthylene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Acetone	0.026	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Aldrin	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aluminum	9920	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Americium-241	0.23	0.110	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aniline	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Anthracene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Antimony	0.24	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1016	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1221	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1232	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1242	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1248	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1254	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Aroclor-1260	0.043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Arsenic	3.6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Asbestos	0	-	pct	U
16-20002	0816-01-0294	0-0.5	Fill	Azobenzene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Barium	310	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Benzene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzoic Acid	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Benzyl Alcohol	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Beryllium	0.94	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	BHC[alpha-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	BHC[beta-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	BHC[delta-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	BHC[gamma-]	0.0022	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromobenzene	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Bromochloromethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromodichloromethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromoform	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Bromomethane	0.013	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Butanone[2-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzene[n-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzene[sec-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzene[tert-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Cadmium	0.016	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Calcium	2670	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Carbon Disulfide	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Carbon Tetrachloride	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Cesium-134	0.019	0.048	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Cesium-137	0.55	0.085	pCi/g	None
16-20002	0816-01-0294	0-0.5	Fill	Chlordane[alpha-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlordane[gamma-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorobenzene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorodibromomethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloroethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloroform	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloromethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chlorotoluene[2-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Chlorotoluene[4-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Chromium	6.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Chrysene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Cobalt	3.2	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Cobalt-60	0.02	0.055	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Copper	6.6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	D[2,4-]	0.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dalapon	0.052	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DB[2,4-]	0.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DDD[4,4'-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DDE[4,4'-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	DDT[4,4'-]	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibenzofuran	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibromo-3-Chloropropane[1,2-]	0.013	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dibromoethane[1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dibromomethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dicamba	0.052	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,2-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,3-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzene[1,4-]	0.00097	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorodifluoromethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethane[1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethane[1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethene[1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroethene[cis/trans-1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropane[1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropane[1,3-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropane[2,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropene[1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropene[cis-1,3-]	0.0066	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Dichloropropene[trans-1,3-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dichloroprop	0.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dieldrin	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Diethylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrophenol[2,4-]	2.1	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Dinoseb	3.7	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endosulfan I	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endosulfan II	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endosulfan Sulfate	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endrin	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endrin Aldehyde	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Endrin Ketone	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Ethylbenzene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Europium-152	0.16	0.245	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Fluoranthene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Fluorene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlor	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlor Epoxide	0.0022	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzodioxins (Total)	3.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.2E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	4.9E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Heptachlorodibenzofurans (Total)	4.2E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorobenzene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorobutadiene	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	3.3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	2.9E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzodioxins (Total)	2.9E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,4,7,8-]	1.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,6,7,8-]	1.6E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[1,2,3,7,8,9-]	1.8E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofuran[2,3,4,6,7,8-]	1.7E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachlorodibenzofurans (Total)	1.6E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexachloroethane	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Hexanone[2-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	HMX	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Iodomethane	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Iron	12500	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Isophorone	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Isopropylbenzene	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Isopropyltoluene[4-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Lead	10.8	-	mg/kg	J+
16-20002	0816-01-0294	0-0.5	Fill	Magnesium	1710	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Manganese	224	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	MCPA	10	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Mercury	0.027	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Methoxychlor[4,4'-]	0.0043	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methyl-2-pentanone[4-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylene Chloride	0.00079	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylphenol[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Methylphenol[4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Naphthalene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nickel	6	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitroaniline[4-]	2.1	-	mg/kg	UJ



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Nitrobenzene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrobenzene	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrophenol[4-]	2.1	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3.5E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	8.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzodioxin[1,2,3,7,8-]	5.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzodioxins (Total)	0.0015	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzofuran[1,2,3,7,8-]	0.0005	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzofuran[2,3,4,7,8-]	0.00046	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorodibenzofurans (Totals)	0.00046	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentachlorophenol	2.1	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	pH	6.8	-	su	None
16-20002	0816-01-0294	0-0.5	Fill	Phenanthrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Phenol	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Potassium	1650	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Propylbenzene[1-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Pyrene	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	RDX	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Ruthenium-106	0.43	0.375	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Selenium	0.32	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Silver	0.49	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Sodium	90.1	-	mg/kg	J
16-20002	0816-01-0294	0-0.5	Fill	Styrene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Sulfide, Reactive	43.2	-	mg/kg	J-
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzodioxin[2,3,7,8-]	2.1E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzodioxins (Total)	2.1E-05	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzofuran[2,3,7,8-]	6.3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachlorodibenzofurans (Total)	6.3E-05	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachloroethane[1,1,1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetrachloroethane[1,1,2,2-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Tetrachloroethene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Tetryl	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Thallium	0.16	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Toluene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Toxaphene (Technical Grade)	0.088	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	TP[2,4,5-]	0.026	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloroethane[1,1,1-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloroethane[1,1,2-]	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloroethene	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorofluoromethane	0.013	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trichloropropane[1,2,3-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Trichlorotrifluoroethane	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trimethylbenzene[1,2,4-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Trimethylbenzene[1,3,5-]	0.0066	-	mg/kg	UJ
16-20002	0816-01-0294	0-0.5	Fill	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Uranium-234	0.63	0.075	pCi/g	None
16-20002	0816-01-0294	0-0.5	Fill	Uranium-235	0.036	0.013	pCi/g	U
16-20002	0816-01-0294	0-0.5	Fill	Uranium-238	0.63	0.075	pCi/g	None
16-20002	0816-01-0294	0-0.5	Fill	Vanadium	14.5	-	mg/kg	None
16-20002	0816-01-0294	0-0.5	Fill	Vinyl Chloride	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Xylene (Total)	0.0066	-	mg/kg	U
16-20002	0816-01-0294	0-0.5	Fill	Zinc	33.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acetone	0.066	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aldrin	0.002	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Aluminum	6650	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Americium-241	0.06	0.055	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.00025	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Antimony	0.93	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1260	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Arsenic	0.46	-	mg/kg	J-
16-20516	0816-01-0295	0-1	QBT 3	Asbestos	0	-	pct	U
16-20516	0816-01-0295	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Barium	39.1	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Benzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Beryllium	1.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromobenzene	0.006	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Bromochloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromodichloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromoform	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[n-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[sec-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[tert-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Calcium	1470	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Carbon Disulfide	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Carbon Tetrachloride	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-134	-0.006	0.032	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-137	-0.046	0.027	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[alpha-]	0.002		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[gamma-]	0.002		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroaniline[4-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorobenzene	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorodibromomethane	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroethane	0.012		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroform	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloromethane	0.012		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloronaphthalene[2-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenol[2-]	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[2-]	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[4-]	0.006		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chromium	3.6		mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Chromium hexavalent ion	0.48		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chrysene	0.39		mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cobalt	2.1		mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cobalt-60	-0.025	0.041	pCi/g	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 3	Cyanide, Reactive	0.06	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dalapon	0.048	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromoethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromomethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dicamba	0.048	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dieldrin	0.002	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ethylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Europium-152	0.009	0.175	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	5.4E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofurans (Total)	4.6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4.3E-05	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.8E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	3.8E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.5E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofurans (Total)	3.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Iodomethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Iron	11200	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isopropylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isopropyltoluene[4-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Lead	2.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Manganese	326	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Mercury	0.037	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylene Chloride	0.044	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.4E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	3.2E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00025	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00025	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	6.7E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	6.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	6.1E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	pH	7.4	-	NONE	None
16-20516	0816-01-0295	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Potassium	696	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Propylbenzene[1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pyrene	1.9	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	RDX	0.12	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ruthenium-106	0.44	0.250	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Selenium	0.24	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Sodium	157	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Styrene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	Sulfide, Reactive	5.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.2E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofurans (Total)	6.2E-05	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Thallium	0.71	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Toluene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Toxaphene (Technical Grade)	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloropropane[1,2,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorotrifluoroethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Uranium-234	0.45	0.055	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Uranium-235	0.068	0.016	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Uranium-238	0.374	0.047	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Vanadium	8.9	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Vinyl Chloride	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Xylene (Total)	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Zinc	44.9	-	mg/kg	None
16-20516	0816-01-0297	2-3	QBT 3	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Acetone	0.05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Americium-241	-0.07	0.080	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aniline	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1260	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	Asbestos	0	-	pct	U
16-20516	0816-01-0297	2-3	QBT 3	Azobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Bromobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromochloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromodichloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromoform	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[n-]	0.0059	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[sec-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[tert-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Carbon Disulfide	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Carbon Tetrachloride	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-134	-0.027	0.037	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-137	-0.021	0.033	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Chlorobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorodibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroform	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chrysene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Cobalt-60	0.056	0.041	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dalapon	0.047	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dibenzofuran	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromoethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dicamba	0.047	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroprop	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Diethylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan I	0.002	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Ethylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Europium-152	-0.11	0.160	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Fluorene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	7.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	7.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	0.00011	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofurans (Total)	9.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	0.00015	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.00017	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	0.00015	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	0.00015	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	0.00011	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	0.00013	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofurans (Total)	0.00011	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachloroethane	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Iodomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isophorone	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Isopropylbenzene	0.0059	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Isopropyltoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylene Chloride	0.025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Naphthalene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.00016	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00043	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00043	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	9.4E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	8.5E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	8.5E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	pH	7.4	-	su	None
16-20516	0816-01-0297	2-3	QBT 3	Phenanthrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Phenol	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Propylbenzene[1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	RDX	0.1	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Ruthenium-106	-0.04	0.310	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Styrene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	Sulfide, Reactive	5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofurans (Total)	7.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toluene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toxaphene (Technical Grade)	0.079	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0059	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Uranium-234	0.51	0.060	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-235	0.03	0.012	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Uranium-238	0.47	0.060	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Vinyl Chloride	0.0059	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Xylene (Total)	0.0059	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acetone	0.11	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aluminum	2680	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Americium-241	-0.15	0.100	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1016	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1221	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1232	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1242	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1248	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1254	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1260	0.036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Arsenic	0.84	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0298	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Barium	487	-	mg/kg	J+
16-20557	0816-01-0298	0-1	QBT 4	Benzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[beta-]	0.0018	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromochloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromodichloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromoform	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[n-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[sec-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[tert-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cadmium	0.24	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Calcium	585	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Carbon Disulfide	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Carbon Tetrachloride	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-134	-0.033	0.047	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-137	-0.024	0.043	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorodibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroform	0.0016	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[2-]	0.0054	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chromium	1.8	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cobalt	2	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Cobalt-60	-0.12	0.055	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Copper	2.1	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 3	Cyanide, Reactive	0.054	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	D[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dalapon	0.043	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DB[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromoethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dicamba	0.043	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,3-]	0.0054	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorprop	0.086	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinoseb	0.027	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Ethylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Europium-152	0.09	0.205	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	6.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.9E-05	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofurans (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	6.5E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	6.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofurans (Total)	5.7E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	HMX	0.29	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iodomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iron	7930	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropyltoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Lead	3.8	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Magnesium	301	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Manganese	211	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	MCPA	8.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methoxychlor[4,4'-]	0.0036	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methyl-2-pentanone[4-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylene Chloride	0.0042	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nickel	3.7	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00023	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00023	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	5.9E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 3	pH	5.8	-	NONE	None
16-20557	0816-01-0298	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Potassium	272	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Propylbenzene[1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	RDX	4.5	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Ruthenium-106	-0.05	0.390	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Sodium	72.9	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Styrene	0.0054	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 3	Sulfide, Reactive	24	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	T[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofurans (Totals)	6.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Thallium	1.4	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Toluene	0.00072	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Toxaphene (Technical Grade)	0.072	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	TP[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloropropane[1,2,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorotrifluoroethane	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Uranium-234	0.71	0.095	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Uranium-235	0.049	0.019	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Uranium-238	0.42	0.065	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Vanadium	3.5	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Vinyl Chloride	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Xylene (Total)	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Zinc	36.2	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.5	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acetone	0.41	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aluminum	803	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Americium-241	0.01	0.055	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Antimony	0.83	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1016	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1221	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1232	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1242	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1248	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1254	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1260	0.035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Arsenic	0.34	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0299	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Barium	277	-	mg/kg	J+
16-20557	0816-01-0299	2-3	QBT 3	Benzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[gamma-]	0.0018	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromochloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromodichloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromoform	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[n-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[sec-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[tert-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Cadmium	0.14	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Calcium	275	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Carbon Disulfide	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Carbon Tetrachloride	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-134	-0.034	0.032	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-137	-0.001	0.028	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorodibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroform	0.0012	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chromium	0.67	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Cobalt	2.6	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cobalt-60	0.018	0.025	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cyanide, Reactive	0.053	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	D[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dalapon	0.042	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DB[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromoethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dicamba	0.042	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[1,1-]	0.0053	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroprop	0.085	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinoseb	0.026	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Ethylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Europium-152	0.22	0.150	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofurans (Total)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	4.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	5.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	4.5E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	4.5E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofurans (Total)	3.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	HMX	0.2	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Iodomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Iron	6370	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropyltoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Lead	2.8	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Magnesium	115	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Manganese	254	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	MCPA	8.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methoxychlor[4,4'-]	0.0035	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methyl-2-pentanone[4-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylene Chloride	0.0037	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nickel	3.5	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	6.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	9.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00034	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00034	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	6.9E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	6.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	6.2E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	pH	6.4	-	NONE	None
16-20557	0816-01-0299	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Potassium	247	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Propylbenzene[1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	RDX	2	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Ruthenium-106	0.27	0.245	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Sodium	88.8	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Styrene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Sulfide, Reactive	23.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	T[2,4,5-]	0.021	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofurans (Totals)	7.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Thallium	0.25	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Toluene	0.00059	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Toxaphene (Technical Grade)	0.071	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	TP[2,4,5-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.026	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorotrifluoroethane	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Uranium-234	0.52	0.065	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-235	0.061	0.016	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-238	0.51	0.065	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Vanadium	1.3	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Vinyl Chloride	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Xylene (Total)	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Zinc	35.3	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0300	0-1	QBT 3	Aluminum	1210	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Barium	9	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Beryllium	0.29	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Cadmium	0.13	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Calcium	199	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chromium	1.2	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Cobalt	3	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Copper	0.94	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0300	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Iron	7550	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Lead	2.6	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Magnesium	280	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Manganese	230	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0300	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nickel	1.6	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Potassium	252	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Selenium	0.39	-	mg/kg	J-
16-20553	0816-01-0300	0-1	QBT 3	Silver	0.51	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Sodium	111	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Thallium	1.1	-	mg/kg	None
16-20553	0816-01-0300	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0300	0-1	QBT 3	Vanadium	2.7	-	mg/kg	J
16-20553	0816-01-0300	0-1	QBT 3	Zinc	42.3	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0301	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Aluminum	1120	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Antimony	0.86	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Arsenic	0.13	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Barium	10.2	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Beryllium	0.28	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Calcium	217	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chromium	0.97	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Cobalt	8.3	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Copper	1.3	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0301	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Iron	7820	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Lead	2.7	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Magnesium	264	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Manganese	253	-	mg/kg	None
16-20553	0816-01-0301	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20553	0816-01-0301	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Potassium	290	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20553	0816-01-0301	0-1	QBT 3	Silver	0.51	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Sodium	116	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Thallium	0.27	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20553	0816-01-0301	0-1	QBT 3	Vanadium	2.5	-	mg/kg	J
16-20553	0816-01-0301	0-1	QBT 3	Zinc	43.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Aluminum	3740	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Arsenic	0.9	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Barium	552	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromide	0.0814	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Calcium	617	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chloride	30.3	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chromium	2.9	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoride	0.915	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	HMX	0.275	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Iron	9850	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Lead	4.4	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Magnesium	568	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Manganese	315	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nickel	2.6	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxalate	0.977	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Perchlorate	0.0651	-	mg/kg	UJ
16-20557	0816-01-0302	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Potassium	423	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	RDX	4.68	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Selenium	0.26	-	mg/kg	J-
16-20557	0816-01-0302	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Sodium	117	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Sulfate	5.3	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Thallium	0.24	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Vanadium	5.8	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Zinc	42	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Aluminum	984	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Arsenic	0.27	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Barium	295	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Beryllium	0.45	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bromide	0.0813	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Cadmium	0.68	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Calcium	384	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Chloride	25.7	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chromium	0.75	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Copper	2.6	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluoride	0.853	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	HMX	0.301	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Iron	8150	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Lead	3.5	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Magnesium	174	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Manganese	347	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nickel	2.7	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Oxalate	0.975	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Perchlorate	0.065	-	mg/kg	UJ
16-20557	0816-01-0303	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Potassium	252	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	RDX	3.51	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Selenium	0.52	-	mg/kg	J-
16-20557	0816-01-0303	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Sodium	103	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Sulfate	2.37	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Thallium	0.17	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Vanadium	2.4	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Zinc	41.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Aluminum	13400	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Aniline	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Anthracene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Arsenic	2.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Barium	76.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Beryllium	3.3	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0304	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Bromide	0.958	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Cadmium	0.73	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Calcium	2700	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Chloride	24.5	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chromium	14.4	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Chromium hexavalent ion	0.53	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Chrysene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Cobalt	8.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Copper	6.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0304	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Fluorene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Fluoride	3.35	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	HMX	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Iron	17900	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Isophorone	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Lead	6.5	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Magnesium	3600	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Manganese	199	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Mercury	0.024	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nickel	9.1	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Oxalate	6.62	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20373	0816-01-0304	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Perchlorate	0.232	-	mg/kg	J-
16-20373	0816-01-0304	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Phenol	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Potassium	2090	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Pyrene	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	RDX	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Selenium	1.4	-	mg/kg	J-
16-20373	0816-01-0304	0-1	QBT 4	Silver	1	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Sodium	346	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Sulfate	67	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Thallium	0.31	-	mg/kg	J
16-20373	0816-01-0304	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20373	0816-01-0304	0-1	QBT 4	Vanadium	21.9	-	mg/kg	None
16-20373	0816-01-0304	0-1	QBT 4	Zinc	51.8	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Acenaphthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Acenaphthylene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Aluminum	5780	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Aniline	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Anthracene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Arsenic	0.63	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Azobenzene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Barium	42.3	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Benzo(a)anthracene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(a)pyrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(b)fluoranthene	0.43	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0305	0-1	QBT 4	Benzo(g,h,i)perylene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzo(k)fluoranthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzoic Acid	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Benzyl Alcohol	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Beryllium	0.88	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Bis(2-chloroethyl)ether	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Bromide	0.574	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Butylbenzylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Cadmium	0.12	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Calcium	1630	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Chloride	40.5	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chloroaniline[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chloronaphthalene[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chlorophenol[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Chromium	11.9	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Chromium hexavalent ion	0.52	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Chrysene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Cobalt	4	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Copper	4.1	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Dibenz(a,h)anthracene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dibenzofuran	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzene[1,2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzene[1,3-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzene[1,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dichlorophenol[2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Diethylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dimethyl Phthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dimethylphenol[2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Di-n-butylphthalate	0.43	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0305	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Dinitrophenol[2,4-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,6-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Di-n-octylphthalate	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Fluoranthene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Fluorene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Fluoride	2.82	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Hexachlorobenzene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Hexachlorobutadiene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Hexachlorocyclopentadiene	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Hexachloroethane	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	HMX	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Iron	14900	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Isophorone	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Lead	4.6	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Magnesium	2340	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Manganese	475	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Mercury	0.022	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Methylnaphthalene[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Methylphenol[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Methylphenol[4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Naphthalene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nickel	5.8	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Nitroaniline[2-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitroaniline[3-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitroaniline[4-]	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrobenzene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Nitrophenol[2-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrophenol[4-]	2.1	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20413	0816-01-0305	0-1	QBT 4	Nitrosodimethylamine[N-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Oxalate	7.49	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Pentachlorophenol	2.1	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Perchlorate	0.242	-	mg/kg	J-
16-20413	0816-01-0305	0-1	QBT 4	Phenanthrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Phenol	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Potassium	1500	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Pyrene	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	RDX	0.272	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Selenium	0.47	-	mg/kg	J-
16-20413	0816-01-0305	0-1	QBT 4	Silver	0.59	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Sodium	305	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Sulfate	56.9	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20413	0816-01-0305	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.43	-	mg/kg	UJ
16-20413	0816-01-0305	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20413	0816-01-0305	0-1	QBT 4	Vanadium	17	-	mg/kg	None
16-20413	0816-01-0305	0-1	QBT 4	Zinc	65.6	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Aluminum	2770	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.122	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.0926	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20551	0816-01-0306	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Arsenic	0.61	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Barium	2110	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Beryllium	0.36	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.12	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Cadmium	1.1	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Calcium	649	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chromium	3.1	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Cobalt	5.8	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Copper	12	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20551	0816-01-0306	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	HMX	5.74	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Iron	7780	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Lead	12.6	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Magnesium	528	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Manganese	202	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nickel	2.8	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20551	0816-01-0306	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Potassium	572	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	RDX	7.37	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Selenium	0.34	-	mg/kg	J-
16-20551	0816-01-0306	0-1	QBT 3	Silver	1.7	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Sodium	98.4	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Thallium	0.14	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20551	0816-01-0306	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.124	-	mg/kg	None
16-20551	0816-01-0306	0-1	QBT 3	Vanadium	4.1	-	mg/kg	J
16-20551	0816-01-0306	0-1	QBT 3	Zinc	62.2	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Aluminum	10600	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.55	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.882	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Aniline	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0307	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Antimony	0.97	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Arsenic	5.6	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Barium	6980	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Bromide	0.44	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Cadmium	0.24	-	mg/kg	J
16-20454	0816-01-0307	0-1	QBT 4	Calcium	1040	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Chloride	19.9	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chromium	6.7	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Cobalt	151	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Copper	5	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Fluoride	9.64	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	HMX	2.23	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Iron	19000	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Lead	8.1	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Magnesium	1270	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Manganese	165	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Mercury	0.063	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0307	0-1	QBT 4	Nickel	6.6	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Oxalate	1.57	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Perchlorate	0.73	-	mg/kg	UJ
16-20454	0816-01-0307	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Potassium	1000	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	RDX	7.06	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Selenium	0.54	-	mg/kg	J-
16-20454	0816-01-0307	0-1	QBT 4	Silver	0.56	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Sodium	182	-	mg/kg	J
16-20454	0816-01-0307	0-1	QBT 4	Sulfate	14.3	-	mg/kg	None
16-20454	0816-01-0307	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20454	0816-01-0307	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20454	0816-01-0307	0-1	QBT 4	Vanadium	15.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20454	0816-01-0307	0-1	QBT 4	Zinc	43.4	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Aluminum	1320	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Antimony	0.88	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Barium	41	-	mg/kg	J+
16-20632	0816-01-0308	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Beryllium	0.4	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Calcium	211	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chromium	1	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20632	0816-01-0308	0-1	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Copper	1.2	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	HMX	0.512	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Iron	7520	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Lead	1.5	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Magnesium	157	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Manganese	164	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Mercury	0.019	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20632	0816-01-0308	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nickel	1.5	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Potassium	262	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	RDX	1.8	-	mg/kg	None
16-20632	0816-01-0308	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Sodium	79.7	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Thallium	0.098	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20632	0816-01-0308	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20632	0816-01-0308	0-1	QBT 3	Vanadium	1.9	-	mg/kg	J
16-20632	0816-01-0308	0-1	QBT 3	Zinc	43	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Aluminum	1820	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Arsenic	0.32	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Barium	7.6	-	mg/kg	J+
16-20664	0816-01-0309	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Beryllium	0.38	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Calcium	181	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Chromium	0.93	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0309	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Cobalt	8.5	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Copper	1.6	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Iron	6790	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20664	0816-01-0309	0-1	QBT 3	Magnesium	135	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Manganese	127	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0309	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nickel	2.4	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Potassium	252	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Sodium	59.7	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Thallium	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0309	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0309	0-1	QBT 3	Vanadium	3	-	mg/kg	J
16-20664	0816-01-0309	0-1	QBT 3	Zinc	38.7	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Aluminum	2240	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Barium	9.2	-	mg/kg	J+
16-20664	0816-01-0310	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Beryllium	0.4	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Calcium	220	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chromium	1.2	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0310	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Cobalt	8.7	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Copper	1.6	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	HMX	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Iron	7060	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Lead	2.5	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Magnesium	176	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0310	0-1	QBT 3	Manganese	127	-	mg/kg	None
16-20664	0816-01-0310	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nickel	2.4	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Potassium	253	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Sodium	65.6	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Thallium	0.066	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20664	0816-01-0310	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20664	0816-01-0310	0-1	QBT 3	Vanadium	3.4	-	mg/kg	J
16-20664	0816-01-0310	0-1	QBT 3	Zinc	31.5	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Aluminum	4230	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Antimony	0.88	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Arsenic	0.68	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Barium	12.7	-	mg/kg	J+
16-20663	0816-01-0311	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Cadmium	0.07	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Calcium	583	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20663	0816-01-0311	0-1	QBT 3	Chromium	2.5	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Copper	2.4	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	HMX	0.0899	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Iron	8100	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Lead	3.3	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20663	0816-01-0311	0-1	QBT 3	Magnesium	329	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Manganese	248	-	mg/kg	None
16-20663	0816-01-0311	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nickel	3.2	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Potassium	391	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	RDX	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Sodium	66.9	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Thallium	0.079	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20663	0816-01-0311	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20663	0816-01-0311	0-1	QBT 3	Vanadium	3.8	-	mg/kg	J
16-20663	0816-01-0311	0-1	QBT 3	Zinc	41.3	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Aluminum	3720	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Antimony	0.89	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Arsenic	0.53	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Barium	26.3	-	mg/kg	J+
16-20626	0816-01-0312	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Beryllium	0.9	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Cadmium	0.071	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Calcium	463	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20626	0816-01-0312	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chromium	2.3	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Cobalt	0.99	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Copper	2.7	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	HMX	0.692	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Iron	7670	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Isophorone	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20626	0816-01-0312	0-1	QBT 3	Lead	2.3	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Magnesium	370	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Manganese	193	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nickel	1.7	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Potassium	426	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	RDX	0.574	-	mg/kg	None
16-20626	0816-01-0312	0-1	QBT 3	Selenium	0.24	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Sodium	63.7	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Thallium	0.028	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20626	0816-01-0312	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20626	0816-01-0312	0-1	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20626	0816-01-0312	0-1	QBT 3	Zinc	38.2	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Aluminum	4560	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Antimony	0.86	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Arsenic	0.13	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Barium	11.3	-	mg/kg	J+
16-20662	0816-01-0313	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Beryllium	0.44	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bromide	0.0809	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Cadmium	0.068	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Calcium	364	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Chloride	12.5	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0313	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chromium	2.7	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Cobalt	2.7	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Copper	2.5	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Fluoride	0.35	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0313	0-1	QBT 3	HMX	0.429	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Iron	7740	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Lead	22.4	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Magnesium	390	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Manganese	177	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nickel	3	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Oxalate	0.971	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Perchlorate	0.0647	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Potassium	391	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	RDX	0.36	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0313	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Sodium	78.6	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Sulfate	224	-	mg/kg	None
16-20662	0816-01-0313	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Thallium	0.032	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0313	0-1	QBT 3	Vanadium	3.6	-	mg/kg	J
16-20662	0816-01-0313	0-1	QBT 3	Zinc	44.8	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Aluminum	3060	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Antimony	0.89	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Barium	23	-	mg/kg	J+
16-20662	0816-01-0314	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Beryllium	0.8	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0314	2-3	QBT 3	Bromide	0.0853	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Cadmium	5.7	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Calcium	324	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Chloride	14.6	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chromium	2.1	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Cobalt	66.8	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Copper	2.6	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0314	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Fluoride	1.37	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	HMX	0.224	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Iron	6670	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Lead	20.4	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Magnesium	274	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Manganese	380	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nickel	3.2	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Oxalate	1.02	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20662	0816-01-0314	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Perchlorate	0.0683	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Potassium	265	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	RDX	0.313	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Selenium	0.31	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Silver	0.51	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Sodium	92.6	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Sulfate	158	-	mg/kg	None
16-20662	0816-01-0314	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Thallium	0.043	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20662	0816-01-0314	2-3	QBT 3	Vanadium	2.3	-	mg/kg	J
16-20662	0816-01-0314	2-3	QBT 3	Zinc	50.5	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Aluminum	2740	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Barium	22.6	-	mg/kg	J+
16-20669	0816-01-0315	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20669	0816-01-0315	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Beryllium	0.63	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bromide	0.0851	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Calcium	230	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Chloride	12.6	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chromium	1.7	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Cobalt	3.7	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20669	0816-01-0315	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Fluoride	3.05	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	HMX	0.139	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Iron	7700	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Lead	2.1	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Magnesium	249	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Manganese	259	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nickel	3.4	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20669	0816-01-0315	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Oxalate	0.785	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Perchlorate	0.0681	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Potassium	267	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	RDX	0.155	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Sodium	90.1	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Sulfate	7.78	-	mg/kg	None
16-20669	0816-01-0315	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Thallium	0.014	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20669	0816-01-0315	0-1	QBT 3	Vanadium	3.6	-	mg/kg	J
16-20669	0816-01-0315	0-1	QBT 3	Zinc	39.3	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Aluminum	1030	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Antimony	0.89	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0316	0-1	QBT 3	Arsenic	0.17	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Barium	14.2	-	mg/kg	J+
16-20590	0816-01-0316	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Beryllium	0.26	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Cadmium	0.46	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Calcium	337	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chromium	1.6	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Cobalt	2.2	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0316	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	HMX	0.476	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Iron	5310	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Magnesium	164	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Manganese	207	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nickel	3.5	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0316	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Potassium	267	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	RDX	2.13	-	mg/kg	None
16-20590	0816-01-0316	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Sodium	119	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Thallium	0.013	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0316	0-1	QBT 3	Vanadium	1.6	-	mg/kg	J
16-20590	0816-01-0316	0-1	QBT 3	Zinc	34	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Aluminum	1260	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0317	2-3	QBT 3	Antimony	0.9	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Arsenic	0.12	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Barium	7.5	-	mg/kg	J+
16-20590	0816-01-0317	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Beryllium	0.46	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Cadmium	0.12	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Calcium	324	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chromium	1.7	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Cobalt	2	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Copper	1.7	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0317	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	HMX	0.327	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Iron	6620	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Lead	2.7	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Magnesium	224	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Manganese	221	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nickel	2	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20590	0816-01-0317	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Potassium	293	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	RDX	2.26	-	mg/kg	None
16-20590	0816-01-0317	2-3	QBT 3	Selenium	0.23	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Sodium	127	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Thallium	0.013	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20590	0816-01-0317	2-3	QBT 3	Vanadium	2.3	-	mg/kg	J
16-20590	0816-01-0317	2-3	QBT 3	Zinc	41.2	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Aluminum	885	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Aniline	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20591	0816-01-0318	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Antimony	0.87	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Arsenic	0.18	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Barium	25.7	-	mg/kg	J+
16-20591	0816-01-0318	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Beryllium	0.29	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Calcium	263	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chromium	1.1	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Cobalt	2.4	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Copper	1.9	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20591	0816-01-0318	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	HMX	0.243	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Iron	6580	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Lead	3.2	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Magnesium	129	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Manganese	369	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nickel	1.9	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20591	0816-01-0318	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Potassium	257	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	RDX	2.12	-	mg/kg	None
16-20591	0816-01-0318	0-1	QBT 3	Selenium	0.22	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Silver	0.5	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Sodium	92.8	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Thallium	0.012	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20591	0816-01-0318	0-1	QBT 3	Vanadium	1.1	-	mg/kg	J
16-20591	0816-01-0318	0-1	QBT 3	Zinc	44.4	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Aluminum	4390	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20629	0816-01-0319	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Antimony	0.91	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Arsenic	0.81	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Barium	408	-	mg/kg	J+
16-20629	0816-01-0319	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzoic Acid	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Beryllium	0.45	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Cadmium	0.094	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Calcium	510	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chromium	1.9	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Cobalt	10.5	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Copper	2.5	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	HMX	0.841	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Iron	8530	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Lead	4.1	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Magnesium	461	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Manganese	212	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nickel	4	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Nitroaniline[2-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20629	0816-01-0319	0-1	QBT 3	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Pentachlorophenol	1.9	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Potassium	270	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	RDX	1.56	-	mg/kg	None
16-20629	0816-01-0319	0-1	QBT 3	Selenium	0.23	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Silver	0.52	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Sodium	110	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Thallium	0.036	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20629	0816-01-0319	0-1	QBT 3	Vanadium	5	-	mg/kg	J
16-20629	0816-01-0319	0-1	QBT 3	Zinc	37.8	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Acenaphthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Acenaphthylene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Aluminum	2270	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Aniline	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Anthracene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Antimony	0.96	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Arsenic	1.1	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Azobenzene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Barium	20	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzoic Acid	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Benzyl Alcohol	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Beryllium	0.6	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Bromide	0.479	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Cadmium	1.1	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Calcium	466	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Chloride	14.8	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chromium	2.8	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Chrysene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Cobalt	30.2	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Copper	2.2	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Dibenz(a,h)anthracene	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Dibenzofuran	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Diethylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Fluoranthene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Fluorene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Fluoride	0.433	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Hexachlorobenzene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Hexachloroethane	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	HMX	0.131	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Iron	7110	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Isophorone	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Lead	2.6	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Magnesium	292	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Manganese	169	-	mg/kg	J-
16-20625	0816-01-0320	0-1	QBT 3	Mercury	0.021	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Methylphenol[2-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Methylphenol[4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Naphthalene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nickel	3.2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroaniline[2-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroaniline[3-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroaniline[4-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrobenzene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrophenol[4-]	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Oxalate	1.03	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Pentachlorophenol	2	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Perchlorate	0.0687	-	mg/kg	UJ
16-20625	0816-01-0320	0-1	QBT 3	Phenanthrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Phenol	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Potassium	286	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Pyrene	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	RDX	0.44	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Selenium	0.3	-	mg/kg	J-
16-20625	0816-01-0320	0-1	QBT 3	Silver	0.55	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Sodium	85.8	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Sulfate	194	-	mg/kg	None
16-20625	0816-01-0320	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Thallium	1.2	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0320	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0320	0-1	QBT 3	Vanadium	4	-	mg/kg	J
16-20625	0816-01-0320	0-1	QBT 3	Zinc	39.9	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Aluminum	2900	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Aniline	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Antimony	0.9	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Arsenic	0.85	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Barium	12.2	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Beryllium	0.72	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Bromide	0.618	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Cadmium	3.6	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Calcium	573	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Chloride	15.9	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0321	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chromium	1.7	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Cobalt	2.1	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Fluoride	0.44	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	HMX	0.239	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Iron	7480	-	mg/kg	None



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0321	2-3	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Lead	2.2	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Magnesium	285	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Manganese	201	-	mg/kg	J-
16-20625	0816-01-0321	2-3	QBT 3	Mercury	0.019	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nickel	2.9	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Oxalate	1.04	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Perchlorate	0.069	-	mg/kg	UJ
16-20625	0816-01-0321	2-3	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Phenol	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Potassium	292	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	RDX	1.03	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Selenium	0.23	-	mg/kg	UJ
16-20625	0816-01-0321	2-3	QBT 3	Silver	0.52	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Sodium	108	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20625	0816-01-0321	2-3	QBT 3	Sulfate	188	-	mg/kg	None
16-20625	0816-01-0321	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Thallium	0.53	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20625	0816-01-0321	2-3	QBT 3	Vanadium	2.7	-	mg/kg	J
16-20625	0816-01-0321	2-3	QBT 3	Zinc	46.2	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Acenaphthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Acenaphthylene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Aluminum	2140	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Aniline	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Anthracene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Antimony	0.9	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Arsenic	0.75	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Azobenzene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Barium	6.1	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Benzyl Alcohol	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Beryllium	0.41	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Cadmium	0.83	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20624	0816-01-0322	0-1	QBT 3	Calcium	300	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chromium	1.2	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Chrysene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Cobalt	1.4	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Copper	2	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dibenzofuran	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Diethylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Fluoranthene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Fluorene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachlorobenzene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20624	0816-01-0322	0-1	QBT 3	Hexachloroethane	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	HMX	0.292	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Iron	7160	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Isophorone	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Lead	1.9	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Magnesium	227	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Manganese	204	-	mg/kg	J-
16-20624	0816-01-0322	0-1	QBT 3	Mercury	0.019	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Methylphenol[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Methylphenol[4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Naphthalene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nickel	2.7	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrobenzene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Phenanthrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Phenol	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Potassium	266	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Pyrene	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	RDX	0.136	-	mg/kg	None
16-20624	0816-01-0322	0-1	QBT 3	Selenium	0.25	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20624	0816-01-0322	0-1	QBT 3	Silver	0.51	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Sodium	79.5	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Thallium	0.36	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20624	0816-01-0322	0-1	QBT 3	Vanadium	2.6	-	mg/kg	J
16-20624	0816-01-0322	0-1	QBT 3	Zinc	37.1	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Aluminum	2470	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Antimony	0.86	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Arsenic	0.89	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Barium	384	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Beryllium	0.33	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bromide	0.0817	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20706	0816-01-0323	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Cadmium	0.8	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Calcium	395	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Chloride	11.6	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chromium	1.6	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Cobalt	2.1	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Copper	1.8	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20706	0816-01-0323	0-1	QBT 3	Fluoride	3.41	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	HMX	0.26	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Iron	6790	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Lead	2.4	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Magnesium	225	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Manganese	140	-	mg/kg	J-
16-20706	0816-01-0323	0-1	QBT 3	Mercury	0.018	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nickel	1.8	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Oxalate	1.76	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Perchlorate	0.0653	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20706	0816-01-0323	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Potassium	255	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	RDX	0.768	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20706	0816-01-0323	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Sodium	65	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Sulfate	3.78	-	mg/kg	None
16-20706	0816-01-0323	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Thallium	0.26	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20706	0816-01-0323	0-1	QBT 3	Vanadium	2.5	-	mg/kg	J
16-20706	0816-01-0323	0-1	QBT 3	Zinc	37.8	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aluminum	3930	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.061	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Arsenic	0.58	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Barium	14.7	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Beryllium	0.97	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cadmium	0.72	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Calcium	676	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloride	15.6	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium	2.1	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Copper	7.9	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoride	1.96	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	HMX	0.5	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Iron	8890	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Lead	3	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Magnesium	556	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Manganese	280	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nickel	2.9	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxalate	0.904	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Perchlorate	0.0643	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Potassium	495	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	RDX	4.8	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Selenium	0.31	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	Silver	0.52	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sodium	99.7	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sulfate	6	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Thallium	0.06	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Vanadium	5.1	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Zinc	41.6	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aluminum	4640	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.048	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Arsenic	0.66	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Azobenzene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Barium	22.1	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromide	0.0763	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cadmium	0.18	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Calcium	956	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloride	12.7	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium	3.2	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Copper	8.1	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoride	2.55	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	HMX	0.55	-	mg/kg	J-
16-20526	0816-01-0325	27.3-28.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Iron	9330	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Lead	3.5	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Magnesium	684	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Manganese	315	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nickel	4.9	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxalate	0.481	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Perchlorate	0.122	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Potassium	598	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	RDX	4.3	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Selenium	0.34	-	mg/kg	J-
16-20526	0816-01-0325	27.3-28.3	QBT 3	Silver	0.59	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sodium	102	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sulfate	8.27	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Thallium	0.4	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Vanadium	5.9	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Zinc	39.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aluminum	2130	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Barium	413	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromide	0.0751	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cadmium	0.091	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Calcium	399	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloride	16.2	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium	1.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Copper	7.8	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoride	1.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	HMX	0.24	-	mg/kg	J-
16-20526	0816-01-0326	53.5-54.5	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Iron	9010	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Lead	4.7	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Magnesium	391	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Manganese	357	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nickel	2.1	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxalate	0.901	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Potassium	402	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	RDX	2.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20526	0816-01-0326	53.5-54.5	QBT 3	Silver	0.45	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sodium	105	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sulfate	1.58	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Thallium	0.23	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Vanadium	4.6	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Zinc	41.9	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aluminum	1900	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Arsenic	0.46	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Barium	715	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromide	0.239	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cadmium	0.088	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Calcium	349	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloride	49.8	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium	1.4	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cobalt	2.3	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Copper	13	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.036	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoride	0.492	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Iron	6800	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Lead	5.2	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Magnesium	326	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nickel	2.6	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxalate	0.885	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Perchlorate	0.0604	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Potassium	347	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	RDX	3.9	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20557	0816-01-0327	18.7-19.6	QBT 3	Silver	0.45	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sodium	104	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sulfate	1.1	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Thallium	0.18	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrobenzene[1,3,5-]	0.13	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Vanadium	3.7	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Zinc	34.7	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Aluminum	1390	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Antimony	0.796	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Barium	6.6	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Cadmium	0.063	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Calcium	366	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Chloride	32.3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Copper	2.4	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluorene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Fluoride	1.27	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Iron	7730	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Lead	4.3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Magnesium	262	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nickel	1.5	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Oxalate	0.902	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Perchlorate	0.12	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Potassium	254	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0328	66-67	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Sodium	113	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Sulfate	12.3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Thallium	0.13	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trinitrobenzene[1,3,5-]	0.047	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Zinc	37.1	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aluminum	656	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Barium	6.4	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Beryllium	0.62	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Calcium	342	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloride	35.1	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium	0.9	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cobalt	0.75	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Copper	3	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoride	0.855	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0329	52.6-53.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Iron	6390	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Magnesium	198	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Manganese	292	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nickel	1.7	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxalate	2.17	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Perchlorate	0.0849	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Potassium	264	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0329	52.6-53.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sodium	202	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sulfate	6.85	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrobenzene[1,3,5-]	0.12	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Vanadium	2.2	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Zinc	35.2	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Aluminum	7010	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.157	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.177	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Aniline	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Antimony	0.85	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Arsenic	2.2	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Azobenzene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20630	0816-01-0330	0-1	QBT 3	Barium	2120	-	mg/kg	J+
16-20630	0816-01-0330	0-1	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Beryllium	0.7	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.1	-	mg/kg	J
16-20630	0816-01-0330	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Cadmium	0.092	-	mg/kg	J
16-20630	0816-01-0330	0-1	QBT 3	Calcium	1900	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chromium	5.7	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Cobalt	6.6	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Copper	15.2	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20630	0816-01-0330	0-1	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	HMX	1.63	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Iron	10600	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Lead	21.3	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Magnesium	1150	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Manganese	250	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Mercury	0.091	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nickel	6.5	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20630	0816-01-0330	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Phenol	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Potassium	777	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	RDX	3.46	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Silver	0.49	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Sodium	85.5	-	mg/kg	J
16-20630	0816-01-0330	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Thallium	0.09	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20630	0816-01-0330	0-1	QBT 3	Vanadium	16.9	-	mg/kg	None
16-20630	0816-01-0330	0-1	QBT 3	Zinc	57.9	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Aluminum	8370	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.0908	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.0818	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Aniline	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Antimony	1.4	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Arsenic	2.4	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20628	0816-01-0332	0-1	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Barium	1430	-	mg/kg	J+
16-20628	0816-01-0332	0-1	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Cadmium	0.16	-	mg/kg	J
16-20628	0816-01-0332	0-1	QBT 3	Calcium	4420	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chromium	8.1	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Cobalt	6.5	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Copper	34	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Diethylphthalate	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20628	0816-01-0332	0-1	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	HMX	2.98	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Iron	11600	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Lead	38.9	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Magnesium	1540	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Manganese	309	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Mercury	0.22	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nickel	12.5	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20628	0816-01-0332	0-1	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Phenol	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Potassium	1060	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	RDX	1.99	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Selenium	0.21	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Silver	1.8	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Sodium	166	-	mg/kg	J
16-20628	0816-01-0332	0-1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Thallium	0.12	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20628	0816-01-0332	0-1	QBT 3	Vanadium	20.3	-	mg/kg	None
16-20628	0816-01-0332	0-1	QBT 3	Zinc	118	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aluminum	1420	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Antimony	0.79	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Barium	406	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Beryllium	1	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cadmium	0.63	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Calcium	361	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloride	29.7	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Copper	2.7	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoride	0.914	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Iron	7340	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Lead	3.9	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Magnesium	273	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Manganese	233	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nickel	1.4	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxalate	1.3	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Perchlorate	0.0576	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Potassium	350	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Selenium	0.2	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sodium	131	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sulfate	2.44	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Thallium	0.099	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrobenzene[1,3,5-]	0.14	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Vanadium	3.1	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Zinc	38.2	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aluminum	718	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Barium	773	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Calcium	239	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloride	47.4	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium	0.68	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chrysene	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Copper	2.6	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.053	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoride	0.971	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0334	11.7-12.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Iron	7070	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Magnesium	189	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Manganese	259	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nickel	1.3	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxalate	0.308	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Potassium	291	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	RDX	2.5	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0334	11.7-12.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sodium	143	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sulfate	0.437	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrobenzene[1,3,5-]	0.088	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrotoluene[2,4,6-]	0.041	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Vanadium	2	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Zinc	38.9	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Aluminum	3350	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Arsenic	0.95	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Barium	19.6	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Beryllium	0.56	-	mg/kg	J-
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cadmium	0.073	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Calcium	766	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium	1.3	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cobalt	1	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Copper	2.5	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Iron	5960	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Magnesium	450	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Manganese	259	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nickel	2	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Potassium	352	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Selenium	0.32	-	mg/kg	J



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0335	29.2-29.9	QBT 3	Silver	0.14	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Sodium	117	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Thallium	0.066	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Vanadium	4	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Zinc	27	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Aluminum	1760	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0336	8.8-9.5	QBT 3	Arsenic	0.85	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Beryllium	0.37	-	mg/kg	J-
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cadmium	0.041	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Calcium	503	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium	0.66	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cobalt	0.4	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Copper	2.1	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Iron	5760	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Magnesium	337	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Manganese	196	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nickel	0.89	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Potassium	219	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0336	8.8-9.5	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Selenium	0.27	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Silver	0.097	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Sodium	99.7	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Thallium	0.062	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Zinc	26.1	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Aluminum	792	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Antimony	0.02	-	mg/kg	UJ
16-20554	0816-01-0337	47.5-48.1	QBT 3	Arsenic	0.51	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Barium	8.9	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Beryllium	0.43	-	mg/kg	J-
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cadmium	0.034	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Calcium	252	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium	0.94	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cobalt	0.35	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Iron	4130	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Magnesium	92.8	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Manganese	208	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nickel	0.86	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Potassium	169	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Selenium	0.25	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Silver	0.056	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Sodium	114	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Vanadium	2.6	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Zinc	23.3	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0338	76.1-76.8	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Barium	17.7	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Beryllium	0.99	-	mg/kg	J-
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Calcium	509	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium	1.1	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cobalt	0.7	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Copper	1.6	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Iron	5430	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Magnesium	313	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Manganese	285	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nickel	1.1	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrobenzene	0.08	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Potassium	279	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Selenium	0.35	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Silver	0.058	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Sodium	80.6	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Vanadium	1.9	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Zinc	29.6	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Aluminum	1800	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0339	41.5-42.2	QBT 3	Arsenic	0.64	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Barium	10.2	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Beryllium	0.5	-	mg/kg	J-
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cadmium	0.04	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Calcium	414	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium	0.81	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cobalt	0.61	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Iron	6020	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Magnesium	282	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Manganese	211	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Mercury	0.017	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nickel	0.9	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Potassium	231	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Selenium	0.24	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Silver	0.062	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Sodium	117	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Vanadium	2.3	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Zinc	29.3	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0351	19.7-20.3	QBT 3	Arsenic	0.65	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Barium	10.1	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Beryllium	0.97	-	mg/kg	J-
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Calcium	400	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium	0.74	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cobalt	0.47	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Copper	2.3	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Iron	5740	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Magnesium	241	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0351	19.7-20.3	QBT 3	Manganese	213	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nickel	0.87	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Potassium	238	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Selenium	0.38	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Silver	0.29	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Sodium	104	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Zinc	30	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Aluminum	7460	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Antimony	0.091	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Arsenic	1.5	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Barium	1700	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	0816-01-0352	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Beryllium	0.55	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Cadmium	0.11	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Calcium	1620	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chromium	4.4	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Cobalt	1.7	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Copper	5.5	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	HMX	0.18	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20240	0816-01-0352	0-1	ALLH	Iron	10200	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Isophorone	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Lead	12	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Magnesium	1140	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Manganese	140	-	mg/kg	J+
16-20240	0816-01-0352	0-1	ALLH	Mercury	0.037	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nickel	3.5	-	mg/kg	J-
16-20240	0816-01-0352	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	0816-01-0352	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Potassium	903	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	RDX	0.49	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Selenium	0.2	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Silver	1.1	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Sodium	156	-	mg/kg	J
16-20240	0816-01-0352	0-1	ALLH	Thallium	0.29	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20240	0816-01-0352	0-1	ALLH	Vanadium	7.5	-	mg/kg	None
16-20240	0816-01-0352	0-1	ALLH	Zinc	38.3	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Acenaphthene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Acenaphthylene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Aluminum	4540	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.1	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Aniline	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Anthracene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Antimony	0.22	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Arsenic	0.61	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Azobenzene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Barium	651	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277E	0816-01-0354	0-1	Fill	Benzyl Alcohol	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Beryllium	0.52	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.16	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Cadmium	0.1	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Calcium	1970	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chromium	3.6	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Chrysene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Cobalt	1.1	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Copper	8.3	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dibenzofuran	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Diethylphthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Fluoranthene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Fluorene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachlorobenzene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Hexachloroethane	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	HMX	2.4	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20277E	0816-01-0354	0-1	Fill	Iron	7030	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Isophorone	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Lead	9.8	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Magnesium	691	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Manganese	172	-	mg/kg	J+
16-20277E	0816-01-0354	0-1	Fill	Mercury	0.022	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Methylphenol[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Methylphenol[4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Naphthalene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nickel	2.5	-	mg/kg	J-
16-20277E	0816-01-0354	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrobenzene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrobenzene	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Nitrotoluene[4-]	0.27	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277E	0816-01-0354	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Phenanthrene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Phenol	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Potassium	749	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Pyrene	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	RDX	3.6	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Selenium	0.14	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Silver	0.019	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Sodium	50.5	-	mg/kg	J
16-20277E	0816-01-0354	0-1	Fill	Tetryl	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Thallium	0.13	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20277E	0816-01-0354	0-1	Fill	Vanadium	4.8	-	mg/kg	None
16-20277E	0816-01-0354	0-1	Fill	Zinc	47.7	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Aluminum	2090	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Antimony	0.22	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Arsenic	0.39	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Barium	1030	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0357	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Beryllium	0.65	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Cadmium	0.062	-	mg/kg	J
16-20241	0816-01-0357	0-1	QBT 4	Calcium	1000	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chromium	3.6	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Cobalt	1	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Copper	3.1	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0357	0-1	QBT 4	Iron	9340	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Lead	1.6	-	mg/kg	J
16-20241	0816-01-0357	0-1	QBT 4	Magnesium	842	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Manganese	192	-	mg/kg	J+
16-20241	0816-01-0357	0-1	QBT 4	Mercury	0.037	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nickel	2.7	-	mg/kg	J-
16-20241	0816-01-0357	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0357	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Perchlorate	0.15	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Potassium	608	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	RDX	2.3	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Selenium	0.35	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Silver	0.22	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Sodium	158	-	mg/kg	J
16-20241	0816-01-0357	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Thallium	0.055	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0357	0-1	QBT 4	Vanadium	4.1	-	mg/kg	None
16-20241	0816-01-0357	0-1	QBT 4	Zinc	39.6	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Aluminum	2390	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Antimony	0.22	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Arsenic	0.39	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Barium	1040	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0358	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Beryllium	0.71	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Cadmium	0.048	-	mg/kg	J
16-20241	0816-01-0358	0-1	QBT 4	Calcium	818	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chromium	4.2	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Cobalt	0.91	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Copper	2.5	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0358	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	UJ
16-20241	0816-01-0358	0-1	QBT 4	Iron	9310	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Lead	1.5	-	mg/kg	J
16-20241	0816-01-0358	0-1	QBT 4	Magnesium	948	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Manganese	145	-	mg/kg	J+
16-20241	0816-01-0358	0-1	QBT 4	Mercury	0.037	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nickel	2.5	-	mg/kg	J-
16-20241	0816-01-0358	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20241	0816-01-0358	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Perchlorate	0.15	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Potassium	698	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	RDX	1.7	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Selenium	0.39	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Silver	0.22	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Sodium	153	-	mg/kg	J
16-20241	0816-01-0358	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Thallium	0.043	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20241	0816-01-0358	0-1	QBT 4	Vanadium	4.1	-	mg/kg	None
16-20241	0816-01-0358	0-1	QBT 4	Zinc	40.2	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Aluminum	2870	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Antimony	0.22	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Arsenic	0.32	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Barium	342	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	0816-01-0359	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Beryllium	0.47	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Cadmium	0.049	-	mg/kg	J
16-20278	0816-01-0359	0-1	QBT 4	Calcium	1300	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chromium	3.6	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Cobalt	0.9	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Copper	2.5	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	0816-01-0359	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	HMX	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20278	0816-01-0359	0-1	QBT 4	Iron	8650	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Lead	2.1	-	mg/kg	J
16-20278	0816-01-0359	0-1	QBT 4	Magnesium	738	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Manganese	144	-	mg/kg	J+
16-20278	0816-01-0359	0-1	QBT 4	Mercury	0.037	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nickel	2	-	mg/kg	J-
16-20278	0816-01-0359	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	0816-01-0359	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Potassium	565	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	RDX	0.95	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Selenium	0.28	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Silver	0.22	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Sodium	149	-	mg/kg	J
16-20278	0816-01-0359	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Thallium	0.035	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20278	0816-01-0359	0-1	QBT 4	Vanadium	4.1	-	mg/kg	None
16-20278	0816-01-0359	0-1	QBT 4	Zinc	45	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Aluminum	3270	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Antimony	0.23	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Arsenic	0.42	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Barium	196	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20386	0816-01-0360	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Beryllium	0.51	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Cadmium	0.048	-	mg/kg	J
16-20386	0816-01-0360	0-1	QBT 4	Calcium	1250	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chromium	4.1	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Cobalt	0.97	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Copper	2.9	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20386	0816-01-0360	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20386	0816-01-0360	0-1	QBT 4	Iron	9180	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Lead	3.6	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Magnesium	636	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Manganese	168	-	mg/kg	J+
16-20386	0816-01-0360	0-1	QBT 4	Mercury	0.039	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nickel	2.1	-	mg/kg	J-
16-20386	0816-01-0360	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20386	0816-01-0360	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Potassium	421	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	RDX	0.33	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Selenium	0.24	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Silver	0.23	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20386	0816-01-0360	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Thallium	0.12	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20386	0816-01-0360	0-1	QBT 4	Vanadium	4.3	-	mg/kg	None
16-20386	0816-01-0360	0-1	QBT 4	Zinc	38.5	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Acenaphthene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Acenaphthylene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Aluminum	3530	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Aniline	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Anthracene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Antimony	0.21	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Arsenic	1.2	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Azobenzene	0.34	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20314	0816-01-0361	0-1	Fill	Barium	251	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Benzo(a)pyrene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzo(b)fluoranthene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzo(g,h,i)perylene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzo(k)fluoranthene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Benzoic Acid	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Benzyl Alcohol	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Beryllium	0.51	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Cadmium	0.059	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Calcium	1550	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chromium	4	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Chrysene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Cobalt	1.2	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Copper	2.9	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dibenzofuran	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Diethylphthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dimethyl Phthalate	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20314	0816-01-0361	0-1	Fill	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Di-n-octylphthalate	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Fluoranthene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Fluorene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachlorobenzene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Hexachloroethane	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	HMX	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	UJ
16-20314	0816-01-0361	0-1	Fill	Iron	11800	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Isophorone	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Lead	5.1	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Magnesium	930	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Manganese	216	-	mg/kg	J+
16-20314	0816-01-0361	0-1	Fill	Mercury	0.019	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Methylphenol[2-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Methylphenol[4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Naphthalene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nickel	2.7	-	mg/kg	J-
16-20314	0816-01-0361	0-1	Fill	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrobenzene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrobenzene	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrophenol[2-]	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20314	0816-01-0361	0-1	Fill	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Pentachlorophenol	1.7	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Phenanthrene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Phenol	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Potassium	541	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Pyrene	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	RDX	0.14	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Selenium	0.3	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Silver	0.21	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Sodium	138	-	mg/kg	J
16-20314	0816-01-0361	0-1	Fill	Tetryl	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Thallium	0.07	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20314	0816-01-0361	0-1	Fill	Vanadium	6	-	mg/kg	None
16-20314	0816-01-0361	0-1	Fill	Zinc	54	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Acenaphthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Acenaphthylene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Aluminum	3310	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Aniline	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Anthracene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Antimony	0.51	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Arsenic	0.22	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-02-0001	0-1	Fill	Azobenzene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Barium	56.4	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzoic Acid	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Benzyl Alcohol	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Beryllium	0.33	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Cadmium	0.087	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Calcium	822	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chromium	3.6	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Chrysene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Cobalt	0.93	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Copper	2.1	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dibenzofuran	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Diethylphthalate	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-02-0001	0-1	Fill	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Fluoranthene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Fluorene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachlorobenzene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Hexachloroethane	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	HMX	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Iron	7190	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Isophorone	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Lead	9.1	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Magnesium	599	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Manganese	224	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Mercury	0.037	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Methylphenol[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Methylphenol[4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Naphthalene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nickel	1.7	-	mg/kg	J-
16-20239	0816-02-0001	0-1	Fill	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrobenzene	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrobenzene	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20239	0816-02-0001	0-1	Fill	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Pentachlorophenol	1.8	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Phenanthrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Phenol	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Potassium	445	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Pyrene	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	RDX	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Selenium	0.1	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Silver	0.18	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Sodium	152	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Tetryl	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Thallium	0.32	-	mg/kg	J
16-20239	0816-02-0001	0-1	Fill	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20239	0816-02-0001	0-1	Fill	Vanadium	2.9	-	mg/kg	None
16-20239	0816-02-0001	0-1	Fill	Zinc	34.8	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Aluminum	2040	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Antimony	0.25	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20204	RE16-02-44943	0-1	QBT 4	Arsenic	0.61	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Barium	12.8	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Cadmium	0.044	-	mg/kg	J
16-20204	RE16-02-44943	0-1	QBT 4	Calcium	728	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chromium	2.3	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Cobalt	21.7	-	mg/kg	J-
16-20204	RE16-02-44943	0-1	QBT 4	Copper	2.2	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20204	RE16-02-44943	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20204	RE16-02-44943	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Iron	7270	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Lead	8.2	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Magnesium	599	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Manganese	130	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Mercury	0.041	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nickel	1.7	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20204	RE16-02-44943	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Potassium	544	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Selenium	0.26	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Silver	0.53	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Sodium	262	-	mg/kg	J
16-20204	RE16-02-44943	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20204	RE16-02-44943	0-1	QBT 4	Vanadium	3.3	-	mg/kg	None
16-20204	RE16-02-44943	0-1	QBT 4	Zinc	32.9	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Aluminum	4680	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Aniline	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Anthracene	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	RE16-02-44944	0-1	QBT 4	Antimony	0.21	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Arsenic	0.85	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Barium	113	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Beryllium	0.59	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Cadmium	0.048	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Calcium	1330	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chromium	5.3	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J-
16-20278	RE16-02-44944	0-1	QBT 4	Copper	2.6	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	RE16-02-44944	0-1	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Hexachloroethane	0.34	-	mg/kg	UJ
16-20278	RE16-02-44944	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Iron	9700	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Lead	3.3	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Magnesium	1240	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Manganese	170	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nickel	2.7	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20278	RE16-02-44944	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Phenol	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Potassium	768	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Selenium	0.33	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Silver	0.12	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Sodium	184	-	mg/kg	J
16-20278	RE16-02-44944	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Thallium	0.11	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20278	RE16-02-44944	0-1	QBT 4	Vanadium	6.8	-	mg/kg	None
16-20278	RE16-02-44944	0-1	QBT 4	Zinc	36.4	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Aluminum	3210	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Aniline	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44945	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Antimony	0.25	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Arsenic	0.57	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Barium	136	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Beryllium	0.38	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Cadmium	0.046	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Calcium	807	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Cobalt	5.6	-	mg/kg	J-
16-20205	RE16-02-44945	0-1	QBT 4	Copper	2.8	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20205	RE16-02-44945	0-1	QBT 4	HMX	0.62	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Iron	8480	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Lead	3.5	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Magnesium	906	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Manganese	208	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Mercury	0.022	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nickel	2.2	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44945	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Potassium	673	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	RDX	3	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Selenium	0.14	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Silver	0.43	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Sodium	184	-	mg/kg	J
16-20205	RE16-02-44945	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Thallium	0.093	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44945	0-1	QBT 4	Vanadium	4.6	-	mg/kg	None
16-20205	RE16-02-44945	0-1	QBT 4	Zinc	38.8	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Aluminum	3000	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44946	0-1	QBT 4	Aniline	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Antimony	0.25	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Arsenic	0.56	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Barium	136	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Beryllium	0.38	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Cadmium	0.037	-	mg/kg	J
16-20205	RE16-02-44946	0-1	QBT 4	Calcium	823	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Cobalt	5.9	-	mg/kg	J-
16-20205	RE16-02-44946	0-1	QBT 4	Copper	2.3	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Hexachloroethane	0.41	-	mg/kg	UJ
16-20205	RE16-02-44946	0-1	QBT 4	HMX	0.66	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Iron	8510	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Lead	3.7	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Magnesium	921	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Manganese	188	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Mercury	0.042	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nickel	2.1	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20205	RE16-02-44946	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Phenol	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Potassium	700	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Pyrene	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	RDX	3.2	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Selenium	0.21	-	mg/kg	J
16-20205	RE16-02-44946	0-1	QBT 4	Silver	0.46	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Sodium	190	-	mg/kg	J
16-20205	RE16-02-44946	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Thallium	0.065	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20205	RE16-02-44946	0-1	QBT 4	Vanadium	4.9	-	mg/kg	None
16-20205	RE16-02-44946	0-1	QBT 4	Zinc	39.9	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Aluminum	3020	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44947	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Antimony	0.24	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Arsenic	0.58	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Barium	17.2	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Beryllium	0.66	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Cadmium	0.044	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Calcium	977	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chromium	3.2	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Chromium hexavalent ion	0.49	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Cobalt	2.6	-	mg/kg	J-
16-20206	RE16-02-44947	0-1	QBT 4	Copper	2.6	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	UJ
16-20206	RE16-02-44947	0-1	QBT 4	HMX	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Iron	7950	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Lead	2.3	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Magnesium	900	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Manganese	184	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Mercury	0.041	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nickel	2.1	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44947	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Potassium	516	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	RDX	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Selenium	0.15	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Silver	0.16	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Sodium	231	-	mg/kg	J
16-20206	RE16-02-44947	0-1	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Thallium	0.072	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20206	RE16-02-44947	0-1	QBT 4	Vanadium	4.4	-	mg/kg	None
16-20206	RE16-02-44947	0-1	QBT 4	Zinc	27.7	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Acenaphthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Acenaphthylene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Aluminum	6790	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20238	RE16-02-44948	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Aniline	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Anthracene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Antimony	0.23	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Arsenic	1.9	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Azobenzene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Barium	527	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Benzyl Alcohol	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Beryllium	0.59	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Cadmium	0.056	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Calcium	1680	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chromium	7.2	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Chrysene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Cobalt	1.7	-	mg/kg	J-
16-20238	RE16-02-44948	0-1	ALLH	Copper	3.4	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dibenzofuran	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Diethylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Fluoranthene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Fluorene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachlorobenzene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Hexachloroethane	0.38	-	mg/kg	UJ
16-20238	RE16-02-44948	0-1	ALLH	HMX	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Iron	10600	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Isophorone	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Lead	16.4	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Magnesium	1830	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Manganese	179	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Mercury	0.038	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Methylphenol[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Methylphenol[4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Naphthalene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20238	RE16-02-44948	0-1	ALLH	Nickel	3.5	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrobenzene	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrobenzene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Phenanthrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Phenol	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Potassium	1150	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Pyrene	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	RDX	0.56	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Selenium	0.18	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Silver	0.14	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Sodium	271	-	mg/kg	J
16-20238	RE16-02-44948	0-1	ALLH	Tetryl	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Thallium	0.32	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20238	RE16-02-44948	0-1	ALLH	Vanadium	9.8	-	mg/kg	None
16-20238	RE16-02-44948	0-1	ALLH	Zinc	43	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Acenaphthylene	0.39	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	RE16-02-44949	0-1	ALLH	Aluminum	2630	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Aniline	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Anthracene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Antimony	0.24	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Arsenic	0.44	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Barium	27.6	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Beryllium	0.37	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Cadmium	0.04	-	mg/kg	J
16-20240	RE16-02-44949	0-1	ALLH	Calcium	911	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chromium	2.8	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Chrysene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Cobalt	2.6	-	mg/kg	J-
16-20240	RE16-02-44949	0-1	ALLH	Copper	1.6	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	RE16-02-44949	0-1	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Fluorene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20240	RE16-02-44949	0-1	ALLH	HMX	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Iron	7000	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Isophorone	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Lead	5.5	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Magnesium	515	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Manganese	135	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Mercury	0.04	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20240	RE16-02-44949	0-1	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nickel	1.7	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Phenol	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Potassium	604	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Pyrene	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	RDX	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Selenium	0.16	-	mg/kg	J
16-20240	RE16-02-44949	0-1	ALLH	Silver	0.12	-	mg/kg	J
16-20240	RE16-02-44949	0-1	ALLH	Sodium	342	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Tetryl	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Thallium	0.081	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20240	RE16-02-44949	0-1	ALLH	Vanadium	2.9	-	mg/kg	None
16-20240	RE16-02-44949	0-1	ALLH	Zinc	29	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Acenaphthene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44950	0-1	QBT 4	Acenaphthylene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Aluminum	3430	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Aniline	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Anthracene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Antimony	0.21	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Arsenic	1.9	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Azobenzene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Barium	463	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Benzyl Alcohol	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Beryllium	0.71	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Cadmium	0.092	-	mg/kg	J
16-20206	RE16-02-44950	0-1	QBT 4	Calcium	1090	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chromium	3.3	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Chrysene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Cobalt	1.4	-	mg/kg	J-
16-20206	RE16-02-44950	0-1	QBT 4	Copper	3.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44950	0-1	QBT 4	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dibenzofuran	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Diethylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Fluoranthene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Fluorene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachlorobenzene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Hexachloroethane	0.35	-	mg/kg	UJ
16-20206	RE16-02-44950	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Iron	9980	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Isophorone	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Lead	5.6	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Magnesium	1010	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Manganese	277	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Mercury	0.035	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Methylphenol[2-]	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20206	RE16-02-44950	0-1	QBT 4	Methylphenol[4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Naphthalene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nickel	2.7	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrobenzene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Phenanthrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Phenol	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Potassium	583	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Pyrene	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	RDX	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Selenium	0.21	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Silver	0.16	-	mg/kg	J
16-20206	RE16-02-44950	0-1	QBT 4	Sodium	156	-	mg/kg	J
16-20206	RE16-02-44950	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Thallium	0.089	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20206	RE16-02-44950	0-1	QBT 4	Vanadium	4.9	-	mg/kg	None
16-20206	RE16-02-44950	0-1	QBT 4	Zinc	29.1	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20242	RE16-02-44951	0-1	QBT 4	Acenaphthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Acenaphthylene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Aluminum	2130	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Aniline	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Anthracene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Antimony	0.24	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Arsenic	1.4	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Azobenzene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Barium	81.2	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(a)anthracene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(a)pyrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(b)fluoranthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(g,h,i)perylene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzo(k)fluoranthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzoic Acid	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Benzyl Alcohol	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Beryllium	1.1	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Bis(2-chloroethyl)ether	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Butylbenzylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Cadmium	0.036	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Calcium	907	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chloroaniline[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chloronaphthalene[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chlorophenol[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Chrysene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Cobalt	41.3	-	mg/kg	J-

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20242	RE16-02-44951	0-1	QBT 4	Copper	5.5	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Dibenz(a,h)anthracene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dibenzofuran	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzene[1,2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzene[1,3-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzene[1,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dichlorophenol[2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Diethylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dimethyl Phthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dimethylphenol[2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Di-n-butylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Dinitrotoluene[2,6-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Di-n-octylphthalate	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Fluoranthene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Fluorene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachlorobenzene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachlorobutadiene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Hexachloroethane	0.4	-	mg/kg	UJ
16-20242	RE16-02-44951	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Iron	10800	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Isophorone	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Lead	1.5	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Magnesium	975	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Manganese	169	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Mercury	0.04	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Methylnaphthalene[2-]	0.4	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20242	RE16-02-44951	0-1	QBT 4	Methylphenol[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Methylphenol[4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Naphthalene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nickel	2.7	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrobenzene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrophenol[2-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrosodimethylamine[N-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Pentachlorophenol	1.9	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Phenanthrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Phenol	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Potassium	600	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Pyrene	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	RDX	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Selenium	0.17	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Silver	4.6	-	mg/kg	None
16-20242	RE16-02-44951	0-1	QBT 4	Sodium	191	-	mg/kg	J
16-20242	RE16-02-44951	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Thallium	0.037	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.4	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20242	RE16-02-44951	0-1	QBT 4	Vanadium	5.8	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20242	RE16-02-44951	0-1	QBT 4	Zinc	27.9	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Acenaphthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Acenaphthylene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Aluminum	6000	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Aniline	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Anthracene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Antimony	0.23	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Arsenic	1.4	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Azobenzene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Barium	439	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzoic Acid	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Benzyl Alcohol	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Beryllium	0.53	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Cadmium	0.052	-	mg/kg	J
16-20276	RE16-02-44952	0-1	QBT 4	Calcium	1630	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chloroaniline[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chlorophenol[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chromium	5.1	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Chromium hexavalent ion	0.46	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Chrysene	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20276	RE16-02-44952	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J-
16-20276	RE16-02-44952	0-1	QBT 4	Copper	3.1	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dibenzofuran	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Diethylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Fluoranthene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Fluorene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachlorobenzene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Hexachloroethane	0.38	-	mg/kg	UJ
16-20276	RE16-02-44952	0-1	QBT 4	HMX	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Iron	9690	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Isophorone	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Lead	8.2	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Magnesium	1320	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Manganese	133	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Mercury	0.038	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20276	RE16-02-44952	0-1	QBT 4	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Methylphenol[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Methylphenol[4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Naphthalene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nickel	2.8	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrobenzene	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrobenzene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Pentachlorophenol	1.8	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Phenanthrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Phenol	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Potassium	769	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Pyrene	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	RDX	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Selenium	0.26	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Silver	0.15	-	mg/kg	J
16-20276	RE16-02-44952	0-1	QBT 4	Sodium	185	-	mg/kg	J
16-20276	RE16-02-44952	0-1	QBT 4	Tetryl	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Thallium	0.11	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20276	RE16-02-44952	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20276	RE16-02-44952	0-1	QBT 4	Vanadium	7.2	-	mg/kg	None
16-20276	RE16-02-44952	0-1	QBT 4	Zinc	36.2	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Acenaphthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Acenaphthylene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Aluminum	3100	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Aniline	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Anthracene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Antimony	0.21	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Arsenic	0.33	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Azobenzene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Barium	105	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzoic Acid	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Benzyl Alcohol	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Beryllium	0.59	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Cadmium	0.06	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Calcium	1940	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chloroaniline[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chloronaphthalene[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Chromium	4.3	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Chromium hexavalent ion	0.41	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277	RE16-02-44953	0-1	QBT 4	Chrysene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Cobalt	1.3	-	mg/kg	J-
16-20277	RE16-02-44953	0-1	QBT 4	Copper	2.9	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dibenzofuran	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Diethylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrophenol[2,4-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Fluoranthene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Fluorene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachlorobenzene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Hexachloroethane	0.34	-	mg/kg	UJ
16-20277	RE16-02-44953	0-1	QBT 4	HMX	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Iron	8670	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Isophorone	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Lead	3.3	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Magnesium	1680	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Manganese	228	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277	RE16-02-44953	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Methylphenol[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Methylphenol[4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Naphthalene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nickel	3.4	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrobenzene	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrobenzene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Pentachlorophenol	1.6	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Phenanthrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Phenol	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Potassium	1110	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Pyrene	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	RDX	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Selenium	0.33	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Silver	0.075	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Sodium	251	-	mg/kg	J
16-20277	RE16-02-44953	0-1	QBT 4	Tetryl	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Thallium	0.05	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20277	RE16-02-44953	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.26	-	mg/kg	U
16-20277	RE16-02-44953	0-1	QBT 4	Vanadium	5.7	-	mg/kg	None
16-20277	RE16-02-44953	0-1	QBT 4	Zinc	42.6	-	mg/kg	None
16-20205	RE16-02-44954	0-1	QBT 4	Perchlorate	0.0617	-	mg/kg	U
16-20205	RE16-02-45007	0-1	QBT 4	Perchlorate	0.0618	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Acenaphthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Acenaphthylene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Aluminum	9990	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Aniline	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Anthracene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Antimony	0.24	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Arsenic	2.1	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Azobenzene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Barium	97.3	-	mg/kg	J-
16-20379	RE16-02-45435	0-1	Fill	Benzo(a)anthracene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(a)pyrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(b)fluoranthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(g,h,i)perylene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzo(k)fluoranthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzoic Acid	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Benzyl Alcohol	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Beryllium	0.66	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Bis(2-chloroethoxy)methane	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Bis(2-chloroethyl)ether	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Bis(2-ethylhexyl)phthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Bromophenyl-phenylether[4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Butylbenzylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Cadmium	0.044	-	mg/kg	J
16-20379	RE16-02-45435	0-1	Fill	Calcium	1890	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Chloro-3-methylphenol[4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chloroaniline[4-]	0.38	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Chloronaphthalene[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chlorophenol[2-]	0.38	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20379	RE16-02-45435	0-1	Fill	Chlorophenyl-phenyl[4-] Ether	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chromium	8.1	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Chrysene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Cobalt	3.7	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Copper	5.4	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Dibenz(a,h)anthracene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dibenzofuran	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzene[1,2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzene[1,3-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzene[1,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dichlorophenol[2,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Diethylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dimethyl Phthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dimethylphenol[2,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Di-n-butylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Dinitrotoluene[2,6-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Di-n-octylphthalate	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Fluoranthene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Fluorene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachlorobenzene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachlorobutadiene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Hexachloroethane	0.38	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	HMX	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Indeno(1,2,3-cd)pyrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Iron	11600	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Isophorone	0.38	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20379	RE16-02-45435	0-1	Fill	Lead	11.3	-	mg/kg	J+
16-20379	RE16-02-45435	0-1	Fill	Magnesium	1440	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Manganese	190	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Mercury	0.039	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Methylnaphthalene[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Methylphenol[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Methylphenol[4-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Naphthalene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nickel	6.1	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrobenzene	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrobenzene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrophenol[2-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrosodimethylamine[N-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitroso-di-n-propylamine[N-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrosodiphenylamine[N-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Nitrotoluene[4-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Oxybis(1-chloropropane)[2,2'-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Pentachlorophenol	1.9	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Phenanthrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Phenol	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Potassium	903	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Pyrene	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	RDX	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Selenium	0.24	-	mg/kg	UJ
16-20379	RE16-02-45435	0-1	Fill	Silver	0.13	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Sodium	134	-	mg/kg	J
16-20379	RE16-02-45435	0-1	Fill	Tetryl	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Thallium	0.2	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trichlorobenzene[1,2,4-]	0.38	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20379	RE16-02-45435	0-1	Fill	Trichlorophenol[2,4,5-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trichlorophenol[2,4,6-]	0.38	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20379	RE16-02-45435	0-1	Fill	Vanadium	18.7	-	mg/kg	None
16-20379	RE16-02-45435	0-1	Fill	Zinc	20	-	mg/kg	J-
16-20670	RE16-02-45436	0-1	QBT 3	Acenaphthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Acenaphthylene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Aluminum	6130	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.2	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Aniline	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Anthracene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Antimony	0.28	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Arsenic	1.2	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Azobenzene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Barium	2920	-	mg/kg	J-
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(a)anthracene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(a)pyrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(b)fluoranthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(g,h,i)perylene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzo(k)fluoranthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Benzyl Alcohol	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Beryllium	0.47	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Bis(2-chloroethyl)ether	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.11	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Butylbenzylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Cadmium	0.22	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Calcium	1590	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chloroaniline[4-]	0.34	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	Chloronaphthalene[2-]	0.34	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20670	RE16-02-45436	0-1	QBT 3	Chlorophenol[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chromium	7.5	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Chrysene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Cobalt	2.1	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Copper	23.4	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Dibenz(a,h)anthracene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dibenzofuran	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzene[1,2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzene[1,3-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzene[1,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dichlorophenol[2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Diethylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dimethyl Phthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dimethylphenol[2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Di-n-butylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrobenzene[1,3-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,4-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,6-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Dinitrotoluene[2,6-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Di-n-octylphthalate	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Fluoranthene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Fluorene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachlorobenzene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachlorobutadiene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Hexachloroethane	0.34	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	HMX	5.1	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Iron	9680	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20670	RE16-02-45436	0-1	QBT 3	Isophorone	0.34	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	Lead	24.1	-	mg/kg	J+
16-20670	RE16-02-45436	0-1	QBT 3	Magnesium	1330	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Manganese	225	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Mercury	0.025	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Methylnaphthalene[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Methylphenol[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Methylphenol[4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Naphthalene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nickel	4	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrobenzene	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrobenzene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrophenol[2-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrosodimethylamine[N-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrotoluene[2-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrotoluene[3-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Nitrotoluene[4-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Phenanthrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Phenol	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Potassium	980	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Pyrene	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	RDX	18	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Selenium	0.21	-	mg/kg	UJ
16-20670	RE16-02-45436	0-1	QBT 3	Silver	1.4	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Sodium	141	-	mg/kg	J
16-20670	RE16-02-45436	0-1	QBT 3	Tetryl	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Thallium	0.21	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20670	RE16-02-45436	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.34	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.26	-	mg/kg	U
16-20670	RE16-02-45436	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.55	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Vanadium	11.1	-	mg/kg	None
16-20670	RE16-02-45436	0-1	QBT 3	Zinc	90.8	-	mg/kg	J-
16-20268	RE16-02-45437	0-1	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Aluminum	5540	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.088	-	mg/kg	J
16-20268	RE16-02-45437	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.074	-	mg/kg	J
16-20268	RE16-02-45437	0-1	ALLH	Aniline	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Anthracene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Antimony	0.24	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	Arsenic	0.83	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Barium	358	-	mg/kg	J-
16-20268	RE16-02-45437	0-1	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Beryllium	0.62	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Cadmium	0.15	-	mg/kg	J
16-20268	RE16-02-45437	0-1	ALLH	Calcium	1490	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20268	RE16-02-45437	0-1	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chromium	4.5	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Chrysene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Cobalt	2	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Copper	4.9	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Fluorene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	HMX	1.4	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20268	RE16-02-45437	0-1	ALLH	Iron	10300	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Isophorone	0.39	-	mg/kg	UJ
16-20268	RE16-02-45437	0-1	ALLH	Lead	7.3	-	mg/kg	J+
16-20268	RE16-02-45437	0-1	ALLH	Magnesium	2110	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Manganese	407	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Mercury	0.041	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nickel	4.8	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Phenol	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Potassium	1420	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Pyrene	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	RDX	2.9	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Selenium	0.15	-	mg/kg	J-
16-20268	RE16-02-45437	0-1	ALLH	Silver	0.18	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Sodium	371	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Tetryl	0.3	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20268	RE16-02-45437	0-1	ALLH	Thallium	0.16	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20268	RE16-02-45437	0-1	ALLH	Vanadium	7.6	-	mg/kg	None
16-20268	RE16-02-45437	0-1	ALLH	Zinc	43	-	mg/kg	J-
16-20232	RE16-02-45438	0-1	ALLH	Acenaphthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Acenaphthylene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Aluminum	7010	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.98	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	1.1	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Aniline	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Anthracene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Antimony	0.62	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Arsenic	1.7	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Azobenzene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Barium	3850	-	mg/kg	J-
16-20232	RE16-02-45438	0-1	ALLH	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzoic Acid	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Benzyl Alcohol	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Beryllium	0.55	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.28	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Cadmium	0.24	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Calcium	3410	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20232	RE16-02-45438	0-1	ALLH	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chromium	5.9	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Chrysene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Cobalt	2.6	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Copper	28.9	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dibenzofuran	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Diethylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,4-]	0.096	-	mg/kg	J
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Fluoranthene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Fluorene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachlorobenzene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Hexachloroethane	0.37	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	HMX	16	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20232	RE16-02-45438	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Iron	9090	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Isophorone	0.37	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	Lead	30.3	-	mg/kg	J+
16-20232	RE16-02-45438	0-1	ALLH	Magnesium	1140	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Manganese	213	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Mercury	0.066	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Methylphenol[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Methylphenol[4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Naphthalene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nickel	4.5	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrobenzene	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrobenzene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Pentachlorophenol	1.8	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Phenanthrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Phenol	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Potassium	801	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Pyrene	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	RDX	36	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20232	RE16-02-45438	0-1	ALLH	Silver	1.6	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Sodium	205	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20232	RE16-02-45438	0-1	ALLH	Tetryl	0.13	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Thallium	0.19	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20232	RE16-02-45438	0-1	ALLH	Trinitrotoluene[2,4,6-]	0.45	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Vanadium	9.5	-	mg/kg	None
16-20232	RE16-02-45438	0-1	ALLH	Zinc	90.5	-	mg/kg	J-
16-20742	RE16-02-45439	0-1	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Aluminum	5400	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Aniline	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Antimony	0.3	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Arsenic	1.1	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Barium	2750	-	mg/kg	J-
16-20742	RE16-02-45439	0-1	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Beryllium	0.4	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.12	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Cadmium	0.12	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Calcium	1120	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45439	0-1	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20742	RE16-02-45439	0-1	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chromium	5	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Chrysene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Cobalt	1.5	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Copper	13.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Fluorene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Hexachloroethane	0.35	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45439	0-1	ALLH	HMX	2.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Iron	7740	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Isophorone	0.35	-	mg/kg	UJ
16-20742	RE16-02-45439	0-1	ALLH	Lead	15.6	-	mg/kg	J+
16-20742	RE16-02-45439	0-1	ALLH	Magnesium	743	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Manganese	154	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nickel	3.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Perchlorate	0.0529	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Phenol	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Potassium	668	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	RDX	2.7	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Selenium	0.21	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45439	0-1	ALLH	Silver	7.8	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Sodium	121	-	mg/kg	J
16-20742	RE16-02-45439	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Thallium	0.14	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20742	RE16-02-45439	0-1	ALLH	Trinitrotoluene[2,4,6-]	1.2	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Vanadium	8.3	-	mg/kg	None
16-20742	RE16-02-45439	0-1	ALLH	Zinc	39.7	-	mg/kg	J-
16-20742	RE16-02-45440	0-1	ALLH	Acenaphthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Acenaphthylene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Aluminum	4970	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Amino-4,6-dinitrotoluene[2-]	0.38	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Aniline	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Antimony	0.25	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Arsenic	2.1	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Azobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Barium	2670	-	mg/kg	J-
16-20742	RE16-02-45440	0-1	ALLH	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzoic Acid	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Benzyl Alcohol	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Beryllium	0.46	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Bis(2-ethylhexyl)phthalate	0.18	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Butylbenzylphthalate	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45440	0-1	ALLH	Cadmium	0.12	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Calcium	1130	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chloroaniline[4-]	0.35	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chromium	5.8	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Chrysene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Cobalt	1.9	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Copper	9.7	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dibenzofuran	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Diethylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Fluoranthene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Fluorene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachlorobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachlorobutadiene	0.35	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45440	0-1	ALLH	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Hexachloroethane	0.35	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	HMX	3.3	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Iron	9330	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Isophorone	0.35	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	Lead	16.3	-	mg/kg	J+
16-20742	RE16-02-45440	0-1	ALLH	Magnesium	743	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Manganese	196	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Mercury	0.024	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Methylphenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Methylphenol[4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Naphthalene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nickel	3.1	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrobenzene	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrobenzene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Pentachlorophenol	1.7	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Perchlorate	0.0534	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Phenanthrene	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Phenol	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Potassium	639	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Pyrene	0.35	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45440	0-1	ALLH	RDX	1.2	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Selenium	0.21	-	mg/kg	UJ
16-20742	RE16-02-45440	0-1	ALLH	Silver	1.4	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Sodium	122	-	mg/kg	J
16-20742	RE16-02-45440	0-1	ALLH	Tetryl	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Thallium	0.15	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20742	RE16-02-45440	0-1	ALLH	Trinitrotoluene[2,4,6-]	1.2	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Vanadium	12.5	-	mg/kg	None
16-20742	RE16-02-45440	0-1	ALLH	Zinc	39.3	-	mg/kg	J-
16-20742	RE16-02-45441	2-3	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Aluminum	5620	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.21	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.14	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Aniline	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Antimony	0.46	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Arsenic	1.8	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Barium	1440	-	mg/kg	J-
16-20742	RE16-02-45441	2-3	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Beryllium	0.46	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45441	2-3	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Cadmium	0.068	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Calcium	837	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chromium	7.1	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Chrysene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Cobalt	25	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Copper	11.6	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Fluorene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45441	2-3	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	HMX	0.56	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Iron	9260	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Isophorone	0.39	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	Lead	10.7	-	mg/kg	J+
16-20742	RE16-02-45441	2-3	ALLH	Magnesium	873	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Manganese	252	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Mercury	0.023	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nickel	4.2	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Perchlorate	0.058	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Phenol	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45441	2-3	ALLH	Potassium	688	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	RDX	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Selenium	0.23	-	mg/kg	UJ
16-20742	RE16-02-45441	2-3	ALLH	Silver	9.7	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Sodium	137	-	mg/kg	J
16-20742	RE16-02-45441	2-3	ALLH	Tetryl	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Thallium	0.13	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45441	2-3	ALLH	Vanadium	9.6	-	mg/kg	None
16-20742	RE16-02-45441	2-3	ALLH	Zinc	45	-	mg/kg	J-
16-20742	RE16-02-45442	2-3	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Aluminum	5840	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Amino-2,6-dinitrotoluene[4-]	0.15	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Amino-4,6-dinitrotoluene[2-]	0.1	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Aniline	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Antimony	0.18	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Arsenic	1.6	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Barium	1540	-	mg/kg	J-
16-20742	RE16-02-45442	2-3	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzoic Acid	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Beryllium	0.46	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45442	2-3	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Cadmium	0.062	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Calcium	872	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chromium	6.9	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Chromium hexavalent ion	0.12	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Chrysene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Cobalt	44.7	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Copper	14.7	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45442	2-3	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Fluorene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Hexachloroethane	0.39	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	HMX	0.61	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Iron	8810	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Isophorone	0.39	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	Lead	9.7	-	mg/kg	J+
16-20742	RE16-02-45442	2-3	ALLH	Magnesium	718	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Manganese	194	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Mercury	0.04	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nickel	4.3	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrobenzene	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Perchlorate	0.059	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20742	RE16-02-45442	2-3	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Phenol	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Potassium	679	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Pyrene	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	RDX	0.11	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Selenium	0.24	-	mg/kg	UJ
16-20742	RE16-02-45442	2-3	ALLH	Silver	15.8	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Sodium	132	-	mg/kg	J
16-20742	RE16-02-45442	2-3	ALLH	Tetryl	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Thallium	0.11	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20742	RE16-02-45442	2-3	ALLH	Vanadium	8.3	-	mg/kg	None
16-20742	RE16-02-45442	2-3	ALLH	Zinc	42.8	-	mg/kg	J-
16-20599	RE16-02-45443	0-1	QBT 3	Acenaphthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Acenaphthylene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Aluminum	6330	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.11	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.087	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Aniline	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Anthracene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Antimony	0.14	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Arsenic	1.4	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Azobenzene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Barium	1170	-	mg/kg	J-
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzoic Acid	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Benzyl Alcohol	0.37	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20599	RE16-02-45443	0-1	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Cadmium	0.091	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Calcium	990	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chloroaniline[4-]	0.37	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chromium	3.9	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Chromium hexavalent ion	0.11	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Chrysene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Cobalt	3.7	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Copper	8.5	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dibenzofuran	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorobenzidine[3,3'-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Diethylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrophenol[2,4-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20599	RE16-02-45443	0-1	QBT 3	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Fluoranthene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Fluorene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachlorobenzene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachlorocyclopentadiene	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Hexachloroethane	0.37	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	HMX	0.31	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Iron	9620	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Isophorone	0.37	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	Lead	9.3	-	mg/kg	J+
16-20599	RE16-02-45443	0-1	QBT 3	Magnesium	1390	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Manganese	321	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Mercury	0.037	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Methylphenol[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Methylphenol[4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Naphthalene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nickel	3	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Nitroaniline[2-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitroaniline[3-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitroaniline[4-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrobenzene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrophenol[4-]	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20599	RE16-02-45443	0-1	QBT 3	Pentachlorophenol	1.8	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Phenanthrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Phenol	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Potassium	1080	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Pyrene	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	RDX	0.21	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Selenium	0.22	-	mg/kg	UJ
16-20599	RE16-02-45443	0-1	QBT 3	Silver	0.35	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Sodium	176	-	mg/kg	J
16-20599	RE16-02-45443	0-1	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Thallium	0.13	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Trinitrotoluene[2,4,6-]	0.28	-	mg/kg	U
16-20599	RE16-02-45443	0-1	QBT 3	Vanadium	9.2	-	mg/kg	None
16-20599	RE16-02-45443	0-1	QBT 3	Zinc	49.3	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Acenaphthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Acenaphthylene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Acetone	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Aluminum	3910	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Aniline	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Anthracene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Antimony	0.25	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Arsenic	0.68	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Azobenzene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Barium	21.8	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Benzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzo(g,h,i)perylene	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Benzoic Acid	0.22	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Benzyl Alcohol	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Beryllium	0.34	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Bromobenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromochloromethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromodichloromethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromoform	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromomethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Butanone[2-]	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzene[n-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzene[sec-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzene[tert-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Cadmium	0.051	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Calcium	847	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Carbon Disulfide	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Carbon Tetrachloride	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorobenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chlorodibromomethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloroethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloroform	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloromethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chlorotoluene[2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chlorotoluene[4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Chromium	2.6	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Chrysene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Cobalt	0.87	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Copper	2.6	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dibenzofuran	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dibromo-3-Chloropropane[1,2-]	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dibromoethane[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dibromomethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzene[1,4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichlorodifluoromethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethane[1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethane[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethene[1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloroethene[cis/trans-1,2-]	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropane[1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropane[1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropane[2,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropene[1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropene[cis-1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Dichloropropene[trans-1,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Diethylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrophenol[2,4-]	2	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Ethylbenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Fluoranthene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Fluorene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachlorobenzene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexachloroethane	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Hexanone[2-]	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	HMX	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Iodomethane	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Iron	6770	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Isophorone	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Isopropylbenzene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Isopropyltoluene[4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Lead	4.5	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Magnesium	702	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Manganese	30.9	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Mercury	0.042	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methyl-2-pentanone[4-]	0.025	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Methylene Chloride	0.017	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methylphenol[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Methylphenol[4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Naphthalene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nickel	1.9	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Nitroaniline[2-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitroaniline[3-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitroaniline[4-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrobenzene	0.32	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Nitrobenzene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrophenol[4-]	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Pentachlorophenol	2	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Phenanthrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Phenol	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Potassium	822	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Propylbenzene[1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Pyrene	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	RDX	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Selenium	0.22	-	mg/kg	J-
16-20083	RE16-02-45478	0-4	ALLH	Silver	0.029	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Sodium	191	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Styrene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetrachloroethane[1,1,1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetrachloroethane[1,1,2,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetrachloroethene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Tetryl	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Thallium	0.14	-	mg/kg	None
16-20083	RE16-02-45478	0-4	ALLH	Toluene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trichloroethane[1,1,1-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichloroethane[1,1,2-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichloroethene	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichlorofluoromethane	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45478	0-4	ALLH	Trichloropropane[1,2,3-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trimethylbenzene[1,2,4-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trimethylbenzene[1,3,5-]	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U
16-20083	RE16-02-45478	0-4	ALLH	Vanadium	5.8	-	mg/kg	J
16-20083	RE16-02-45478	0-4	ALLH	Vinyl Chloride	0.0063	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Xylene (Total)	0.013	-	mg/kg	UJ
16-20083	RE16-02-45478	0-4	ALLH	Zinc	32.5	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Acenaphthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Acenaphthylene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Acetone	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Aluminum	5340	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Amino-2,6-dinitrotoluene[4-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Amino-4,6-dinitrotoluene[2-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Aniline	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Anthracene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Antimony	0.23	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Arsenic	1.4	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Azobenzene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Barium	178	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Benzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Benzoic Acid	0.27	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Benzyl Alcohol	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Beryllium	0.5	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Bromobenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromochloromethane	0.0058	-	mg/kg	UJ



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Bromodichloromethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromoform	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromomethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Butanone[2-]	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzene[n-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzene[sec-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzene[tert-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Cadmium	0.11	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Calcium	1630	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Carbon Disulfide	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Carbon Tetrachloride	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorobenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorodibromomethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloroethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloroform	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloromethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorotoluene[2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chlorotoluene[4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Chromium	3	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Chrysene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Cobalt	2	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Copper	3.5	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dibenzofuran	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dibromoethane[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dibromomethane	0.0058	-	mg/kg	UJ

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzene[1,4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorobenzidine[3,3'-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorodifluoromethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethane[1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethane[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethene[1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloroethene[cis/trans-1,2-]	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropane[1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropane[1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropane[2,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropene[1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropene[cis-1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Dichloropropene[trans-1,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Diethylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitro-2-methylphenol[4,6-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrobenzene[1,3-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrophenol[2,4-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,4-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,6-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Ethylbenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Fluoranthene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Fluorene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachlorobenzene	0.39	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachlorocyclopentadiene	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexachloroethane	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Hexanone[2-]	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	HMX	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Iodomethane	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Iron	6290	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Isophorone	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Isopropylbenzene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Isopropyltoluene[4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Lead	9.8	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Magnesium	1010	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Manganese	149	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Mercury	0.039	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methyl-2-pentanone[4-]	0.023	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Methylene Chloride	0.013	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methylphenol[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Methylphenol[4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Naphthalene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nickel	2.7	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroaniline[2-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroaniline[3-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroaniline[4-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrobenzene	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrobenzene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrophenol[4-]	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrotoluene[2-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrotoluene[3-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Nitrotoluene[4-]	0.29	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20083	RE16-02-45479	0-4.5	ALLH	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Pentachlorophenol	1.9	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Phenanthrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Phenol	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Potassium	1120	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Propylbenzene[1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Pyrene	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	RDX	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Selenium	0.23	-	mg/kg	J-
16-20083	RE16-02-45479	0-4.5	ALLH	Silver	0.066	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Sodium	146	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Styrene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetrachloroethane[1,1,1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetrachloroethane[1,1,2,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetrachloroethene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Tetryl	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Thallium	0.22	-	mg/kg	None
16-20083	RE16-02-45479	0-4.5	ALLH	Toluene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloroethane[1,1,1-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloroethane[1,1,2-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloroethene	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorofluoromethane	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trichloropropane[1,2,3-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trimethylbenzene[1,2,4-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trimethylbenzene[1,3,5-]	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Trinitrobenzene[1,3,5-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Trinitrotoluene[2,4,6-]	0.29	-	mg/kg	U
16-20083	RE16-02-45479	0-4.5	ALLH	Vanadium	8.3	-	mg/kg	J
16-20083	RE16-02-45479	0-4.5	ALLH	Vinyl Chloride	0.0058	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Xylene (Total)	0.012	-	mg/kg	UJ
16-20083	RE16-02-45479	0-4.5	ALLH	Zinc	272	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Aluminum	1970	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Arsenic	0.63	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Barium	15.4	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cadmium	0.035	-	mg/kg	J
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Calcium	788	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium	1.7	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cobalt	0.52	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Copper	2	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Iron	6720	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Lead	8.4	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Magnesium	595	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Manganese	126	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Potassium	472	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Selenium	0.33	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Sodium	301	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Thallium	0.23	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Vanadium	2.6	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Zinc	24.6	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Aluminum	2220	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Arsenic	0.6	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Barium	31	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Beryllium	0.49	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cadmium	0.087	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Calcium	1230	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium	3.1	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cobalt	0.96	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Copper	5.4	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Iron	7270	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Lead	6.5	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Magnesium	987	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Manganese	256	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nickel	2.7	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Potassium	638	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Selenium	0.18	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Sodium	290	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Thallium	0.16	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Vanadium	4	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Zinc	27.1	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Aluminum	2120	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Arsenic	0.83	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Barium	13.1	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Beryllium	0.82	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cadmium	0.063	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Calcium	576	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium	1.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cobalt	0.65	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Copper	4	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Iron	6470	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Lead	2.5	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Magnesium	407	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Manganese	198	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Potassium	278	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	RDX	0.25	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Selenium	0.26	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Sodium	146	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Thallium	0.074	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Zinc	30.9	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Aluminum	1210	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Arsenic	0.79	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Barium	14.5	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Beryllium	0.56	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cadmium	0.058	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Calcium	397	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium	0.81	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cobalt	0.54	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Copper	2.3	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Iron	6200	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Lead	3.2	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Magnesium	299	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Manganese	306	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nickel	1.5	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U



**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Potassium	251	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Selenium	0.15	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Sodium	107	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Thallium	0.042	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Zinc	35.2	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Aluminum	766	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Arsenic	0.44	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Barium	9.3	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cadmium	0.088	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Calcium	410	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium	0.51	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cobalt	0.41	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Copper	5	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Iron	6150	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Lead	2	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Magnesium	196	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Manganese	209	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nickel	0.79	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Potassium	175	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Selenium	0.13	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Silver	0.093	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Sodium	176	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Thallium	0.21	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Vanadium	1.7	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Zinc	31.3	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Aluminum	1800	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Arsenic	0.6	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Barium	6.3	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Beryllium	0.68	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cadmium	0.045	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Calcium	419	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium	0.96	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Copper	1.7	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	HMX	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Iron	10600	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Lead	3	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Magnesium	304	-	mg/kg	J

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Manganese	154	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nickel	1.1	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Potassium	293	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	RDX	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Selenium	0.17	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Silver	0.059	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Sodium	120	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Thallium	0.14	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Vanadium	3.8	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Zinc	41.2	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Aluminum	940	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Beryllium	0.42	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cadmium	0.05	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Calcium	305	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium	1.3	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Copper	1.7	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	HMX	0.29	-	mg/kg	None

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Iron	7210	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Lead	3.6	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Magnesium	328	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Manganese	364	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Potassium	299	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	RDX	2.7	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Silver	0.073	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Sodium	181	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Thallium	0.088	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Vanadium	2.1	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Zinc	42.7	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Aluminum	1380	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Arsenic	0.71	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Barium	5.2	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Cadmium	0.044	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Calcium	578	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium	0.85	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Cobalt	0.71	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Copper	3.3	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	HMX	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Iron	7390	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Lead	2.7	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Magnesium	302	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Manganese	301	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nickel	1.3	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Potassium	204	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Selenium	0.17	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Silver	0.04	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Sodium	219	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Thallium	0.069	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrobenzene[1,3,5-]	0.2	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Vanadium	3.4	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Zinc	36.8	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Aluminum	2950	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Arsenic	0.81	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Barium	8.2	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Cadmium	0.043	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Calcium	568	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium	1.3	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U

**Table B-8.0-2  
Analytical Results of All Soil and Tuff Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46410	10.5-11	QBT 3	Cobalt	0.87	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Copper	2.6	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	HMX	0.39	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Iron	8390	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Lead	2.1	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Magnesium	423	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Manganese	288	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nickel	1.8	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Potassium	380	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	RDX	3.8	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Selenium	0.12	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Silver	0.042	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Sodium	110	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Thallium	0.064	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Vanadium	4.3	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Zinc	39.2	-	mg/kg	None

**Table B.8.0-3**  
**Analytical Results of Borehole Samples**





**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Acenaphthylene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Acenaphthylene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Aluminum	1970	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Aluminum	2890	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Aluminum	1210	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Aluminum	2220	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Aluminum	6130	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Aluminum	766	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Aluminum	2120	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Aniline	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Aniline	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Anthracene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Antimony	1	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Antimony	0.99	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Antimony	0.2	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Antimony	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Arsenic	0.63	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Arsenic	0.79	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Arsenic	0.6	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Arsenic	0.14	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Arsenic	0.44	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Arsenic	0.83	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Azobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Azobenzene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Barium	15.4	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Barium	30.9	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Barium	14.5	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Barium	31	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Barium	21.5	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Barium	9.3000002	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Barium	13.1	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(a)pyrene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(a)pyrene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(b)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(b)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(g,h,i)perylene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(g,h,i)perylene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzo(k)fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzo(k)fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzoic Acid	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Benzyl Alcohol	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Benzyl Alcohol	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Beryllium	0.48	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Beryllium	0.56	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Beryllium	0.49	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Beryllium	1.3	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Beryllium	0.35	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Beryllium	0.82	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethoxy)methane	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-chloroethyl)ether	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-chloroethyl)ether	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bis(2-ethylhexyl)phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Bromophenyl-phenylether[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Butylbenzylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Butylbenzylphthalate	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cadmium	0.035	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Cadmium	0.08	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cadmium	0.058	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cadmium	0.087	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Cadmium	0.079	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cadmium	0.088	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cadmium	0.063	-	mg/kg	J
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Calcium	788	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Calcium	944	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Calcium	397	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Calcium	1230	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Calcium	1130	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Calcium	410	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Calcium	576	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloro-3-methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloroaniline[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloroaniline[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chloronaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chloronaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenol[2-]	0.41	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium	1.7	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chromium	4.0999999	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium	0.81	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium	3.0999999	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Chromium	5.0999999	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium	0.51	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium	1.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chromium hexavalent ion	0.51	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chromium hexavalent ion	0.5	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Chrysene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Chrysene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Cobalt	0.52	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Cobalt	0.54	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Cobalt	0.96	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Cobalt	1	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Cobalt	0.41	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Cobalt	0.65	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Copper	2	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Copper	2.7	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Copper	2.3	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Copper	5.4000001	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Copper	4	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Copper	5	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Copper	4	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Dibenz(a,h)anthracene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dibenz(a,h)anthracene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dibenzofuran	0.42	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Dibenzofuran	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,3-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,3-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzene[1,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzene[1,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorobenzidine[3,3'-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dichlorophenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dichlorophenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Diethylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Diethylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethyl Phthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethyl Phthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dimethylphenol[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dimethylphenol[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-butylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-butylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitro-2-methylphenol[4,6-]	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrobenzene[1,3-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrobenzene[1,3-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrophenol[2,4-]	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,4-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,4-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Dinitrotoluene[2,6-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Dinitrotoluene[2,6-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Di-n-octylphthalate	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Di-n-octylphthalate	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluoranthene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluoranthene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Fluorene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Fluorene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorobutadiene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorobutadiene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachlorocyclopentadiene	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Hexachloroethane	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Hexachloroethane	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	HMX	0.32	-	mg/kg	UJ
16-20273	RE16-02-45794	105.3-106.1	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	HMX	0.31	-	mg/kg	UJ
16-20273	RE16-02-46406	42.4-42.9	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	HMX	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.42	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Indeno(1,2,3-cd)pyrene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Iron	6720	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Iron	8720	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Iron	6200	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Iron	7270	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Iron	10200	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Iron	6150	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Iron	6470	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Isophorone	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Isophorone	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Lead	8.3999996	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Lead	10	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Lead	3.2	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Lead	6.5	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Lead	13.2	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Lead	2	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Lead	2.5	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Magnesium	595	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Magnesium	664	-	mg/kg	None
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Magnesium	299	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Magnesium	987	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Magnesium	1150	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Magnesium	196	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Magnesium	407	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Manganese	126	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Manganese	266	-	mg/kg	J-
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Manganese	306	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Manganese	256	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Manganese	207	-	mg/kg	J-
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Manganese	209	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Manganese	198	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Mercury	0.033	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0032	2-3	QBT 4	Mercury	0.021	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Mercury	0.033	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylnaphthalene[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylnaphthalene[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[2-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Methylphenol[4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Methylphenol[4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Naphthalene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Naphthalene	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Nickel	2.5999999	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nickel	1.5	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nickel	2.7	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Nickel	4	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nickel	0.79	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nickel	1.3	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[2-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[3-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroaniline[4-]	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.42	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrobenzene	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.41	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrobenzene	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[2-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[2-]	0.41	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrophenol[4-]	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodimethylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodimethylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitroso-di-n-propylamine[N-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrosodiphenylamine[N-]	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[2-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[2-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[3-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[3-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Nitrotoluene[4-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Nitrotoluene[4-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Pentachlorophenol	2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Perchlorate	0.009	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Perchlorate	0.009	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Phenanthrene	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenanthrene	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Phenol	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Phenol	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Potassium	472	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Potassium	551	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Potassium	251	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Potassium	638	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Potassium	843	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Potassium	175	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Potassium	278	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Pyrene	2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	RDX	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	RDX	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	RDX	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Selenium	0.33	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Selenium	0.25	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Selenium	0.15	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Selenium	0.18	-	mg/kg	J
16-20273	0816-01-0032	2-3	QBT 4	Selenium	0.74	-	mg/kg	None
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Selenium	0.13	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Selenium	0.26	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Silver	0.039	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Silver	0.093	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Silver	0.2	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Sodium	301	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	0816-01-0031	0-1	QBT 4	Sodium	331	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Sodium	107	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Sodium	290	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Sodium	282	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Sodium	176	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Sodium	146	-	mg/kg	J
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Tetryl	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Tetryl	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Thallium	0.23	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Thallium	0.15	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Thallium	0.042	-	mg/kg	J
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Thallium	0.16	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Thallium	0.014	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Thallium	0.21	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Thallium	0.074	-	mg/kg	J
16-20273	0816-01-0031	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorobenzene[1,2,4-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,5-]	0.41	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.42	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trichlorophenol[2,4,6-]	0.41	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.32	-	mg/kg	U
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrobenzene[1,3,5-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0031	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.32	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	0816-01-0032	2-3	QBT 4	Trinitrotoluene[2,4,6-]	0.31	-	mg/kg	U
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Vanadium	2.5999999	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Vanadium	3	-	mg/kg	J
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Vanadium	4	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Vanadium	5	-	mg/kg	J
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Vanadium	1.7	-	mg/kg	J
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Vanadium	3.8	-	mg/kg	None
16-20273	RE16-02-45791	0.9-1.7	QBT 4	Zinc	24.6	-	mg/kg	None
16-20273	0816-01-0031	0-1	QBT 4	Zinc	33.400002	-	mg/kg	J-
16-20273	RE16-02-45794	105.3-106.1	QBT 4	Zinc	35.200001	-	mg/kg	None
16-20273	RE16-02-45792	17.7-18.5	QBT 4	Zinc	27.1	-	mg/kg	None
16-20273	0816-01-0032	2-3	QBT 4	Zinc	37.200001	-	mg/kg	J-
16-20273	RE16-02-46406	42.4-42.9	QBT 4	Zinc	31.299999	-	mg/kg	None
16-20273	RE16-02-45793	61.7-62.4	QBT 4	Zinc	30.9	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	(+-)-2-(4-chloro-2-methylphenoxy)propanoic acid	9.5	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Acenaphthylene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acenaphthylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Acetone	0.066	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Acetone	0.05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aldrin	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aluminum	5590	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Aluminum	6650	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Aluminum	3350	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Aluminum	1760	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Americium-241	0.06	0.055	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Americium-241	-0.07	0.080	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.00025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aniline	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aniline	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Antimony	0.93	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Antimony	0.93	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0336	8.8-9.5	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1016	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1221	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1232	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1242	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1248	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1254	0.039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Aroclor-1260	0.039	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Aroclor-1260	0.039	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Arsenic	0.87	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Arsenic	0.46	-	mg/kg	J-
16-20516	0816-01-0335	29.2-29.9	QBT 3	Arsenic	0.95	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Arsenic	0.85	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 3	Asbestos	0	-	pct	U
16-20516	0816-01-0297	2-3	QBT 4	Asbestos	0	-	pct	U
16-20516	0816-01-0112	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Azobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Azobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Barium	31.5	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Barium	39.099998	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Barium	19.6	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Benzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzene	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(a)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(a)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(b)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(b)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(g,h,i)perylene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(g,h,i)perylene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzo(k)fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzo(k)fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Benzoic Acid	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Benzoic Acid	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzoic Acid	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Benzyl Alcohol	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Benzyl Alcohol	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Beryllium	1.9	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Beryllium	1.8	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Beryllium	0.56	-	mg/kg	J-
16-20516	0816-01-0336	8.8-9.5	QBT 3	Beryllium	0.37	-	mg/kg	J-
16-20516	0816-01-0295	0-1	QBT 4	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[beta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[delta-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	BHC[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-chloroethyl)ether	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-chloroethyl)ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Bromobenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromochloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromochloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromodichloromethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromodichloromethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromoform	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromoform	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Bromomethane	0.012	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0297	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[n-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[n-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[sec-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[sec-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzene[tert-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzene[tert-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Butylbenzylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Butylbenzylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Cadmium	0.11	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cadmium	0.073	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cadmium	0.041	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Calcium	1480	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Calcium	1470	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Calcium	766	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Calcium	503	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Carbon Disulfide	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Carbon Disulfide	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Carbon Tetrachloride	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Carbon Tetrachloride	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-134	-0.006	0.032	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-134	-0.027	0.037	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Cesium-137	-0.046	0.027	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cesium-137	-0.021	0.033	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[alpha-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlordane[gamma-]	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.39	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroaniline[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroaniline[4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Chlorobenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorobenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorodibromomethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorodibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloroform	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloroform	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloromethane	0.012	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chloronaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chloronaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chlorotoluene[4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chlorotoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chromium	3.7	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Chromium	3.5999999	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium	1.3	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium	0.66	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Chromium hexavalent ion	0.47	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Chromium hexavalent ion	0.48	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Chrysene	0.39	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Chrysene	0.39		mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Chrysene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Cobalt	1.5	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cobalt	2.0999999		mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Cobalt	1	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Cobalt	0.4	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Cobalt-60	-0.025	0.041	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Cobalt-60	0.056	0.041	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Copper	5.1999998	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Copper	6	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Copper	2.5	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Copper	2.0999999	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 3	Cyanide, Reactive	0.06	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	D[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dalapon	0.048	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dalapon	0.047	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DB[2,4-]	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDD[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDE[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	DDT[4,4'-]	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenz(a,h)anthracene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibenz(a,h)anthracene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibenzofuran	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibenzofuran	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dibromoethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromoethane[1,2-]	0.0059	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Dibromomethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dibromomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dicamba	0.048	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dicamba	0.047	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzene[1,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorodifluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorophenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorophenol[2,4-]	0.39	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropane[2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropane[2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dichlorprop	0.095	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dieldrin	0.002	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Diethylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Diethylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethyl Phthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dimethyl Phthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dimethylphenol[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-butylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Di-n-butylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrobenzene[1,3-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrophenol[2,4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrophenol[2,4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrophenol[2,4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,4-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Dinitrotoluene[2,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Dinitrotoluene[2,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinitrotoluene[2,6-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Di-n-octylphthalate	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Di-n-octylphthalate	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Dinoseb	0.03	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan I	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan II	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endosulfan Sulfate	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Endrin Aldehyde	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Aldehyde	0.002	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Endrin Ketone	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ethylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Ethylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Europium-152	0.009	0.175	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Europium-152	-0.11	0.160	pCi/g	U
16-20516	0816-01-0112	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Fluoranthene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Fluoranthene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Fluorene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Fluorene	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlor Epoxide	0.002	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	7.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	7.9E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	4.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	9.6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	5.4E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	0.00011	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Heptachlorodibenzofurans (Total)	4.6E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Heptachlorodibenzofurans (Total)	9.6E-05	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorobutadiene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorobutadiene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Hexachlorocyclopentadiene	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorocyclopentadiene	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorocyclopentadiene	1.9000001	-	mg/kg	UJ

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	0.00015	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	4.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	0.00017	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	3.8E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	0.00015	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	3.8E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	0.00015	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	0.00011	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.5E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	0.00013	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.3E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	0.00012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachlorodibenzofurans (Total)	3.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachlorodibenzofurans (Total)	0.00011	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Hexachloroethane	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexachloroethane	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Hexanone[2-]	0.024	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	HMX	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	HMX	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	HMX	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Iodomethane	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Iodomethane	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Iron	10600	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Iron	11200	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0335	29.2-29.9	QBT 3	Iron	5960	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Iron	5760	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isophorone	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isophorone	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Isopropylbenzene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isopropylbenzene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Isopropyltoluene[4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Isopropyltoluene[4-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Lead	2.5999999	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Lead	2.8	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Magnesium	916	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Magnesium	1070	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Magnesium	450	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Magnesium	337	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Manganese	305	-	mg/kg	J+
16-20516	0816-01-0295	0-1	QBT 4	Manganese	326	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Manganese	259	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Manganese	196	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	MCPA	9.5	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Mercury	0.021	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Mercury	0.037	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methoxychlor[4,4'-]	0.0039	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methyl-2-pentanone[4-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylene Chloride	0.044	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylene Chloride	0.025	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylnaphthalene[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylnaphthalene[2-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Methylphenol[4-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Naphthalene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Naphthalene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nickel	3.3	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nickel	2	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nickel	0.89	-	mg/kg	None
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[2-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[2-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[2-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[3-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[3-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[3-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitroaniline[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroaniline[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroaniline[4-]	1.9000001	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrobenzene	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrobenzene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrobenzene	0.39	-	mg/kg	UJ
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[2-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrophenol[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrophenol[4-]	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrophenol[4-]	1.9000001	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodimethylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodimethylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[2-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[3-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Nitrotoluene[4-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.4E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	0.00012	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	3.2E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	0.00016	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00043	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00025	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00043	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	6.7E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	9.4E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	6.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	8.5E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	6.1E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	8.5E-05	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Pentachlorophenol	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentachlorophenol	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentachlorophenol	1.9000001	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pentaerythritol tetranitrate PETN	0.5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	pH	7.4000001	-	NONE	None
16-20516	0816-01-0297	2-3	QBT 4	pH	7.4000001	-	su	None
16-20516	0816-01-0112	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Phenanthrene	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Phenanthrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Phenol	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Potassium	478	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Potassium	696	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Potassium	352	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Potassium	219	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Propylbenzene[1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Propylbenzene[1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Pyrene	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Pyrene	1.9000001	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Pyrene	0.39	-	mg/kg	UJ
16-20516	0816-01-0112	0-1	QBT 4	RDX	0.061	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	RDX	0.12	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	RDX	0.1	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	RDX	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Ruthenium-106	0.44	0.250	pCi/g	U
16-20516	0816-01-0297	2-3	QBT 3	Ruthenium-106	-0.04	0.310	pCi/g	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0112	0-1	QBT 4	Selenium	0.7	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Selenium	0.24	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Selenium	0.32	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Selenium	0.27	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Silver	0.07	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Silver	0.54	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Silver	0.14	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Silver	0.097	-	mg/kg	J
16-20516	0816-01-0112	0-1	QBT 4	Sodium	93.699997	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Sodium	157	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Sodium	117	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Sodium	99.699997	-	mg/kg	J
16-20516	0816-01-0295	0-1	QBT 4	Styrene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Styrene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 3	Sulfide, Reactive	5.3000002	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 4	Sulfide, Reactive	5	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	T[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	3.9E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	6E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.2E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachlorodibenzofurans (Total)	6.2E-05	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachlorodibenzofurans (Total)	7.3E-05	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetrachloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetrachloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Tetryl	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0335	29.2-29.9	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Thallium	0.013	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Thallium	0.71	-	mg/kg	J
16-20516	0816-01-0335	29.2-29.9	QBT 3	Thallium	0.066	-	mg/kg	J
16-20516	0816-01-0336	8.8-9.5	QBT 3	Thallium	0.062	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Toluene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toluene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Toxaphene (Technical Grade)	0.08	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Toxaphene (Technical Grade)	0.079	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	TP[2,4,5-]	0.024	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.39	-	mg/kg	UJ
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,1-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethane[1,1,2-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloroethene	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloroethene	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorofluoromethane	0.012	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.39	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.39	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichloropropane[1,2,3-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trichlorotrifluoroethane	0.006	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0059	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20516	0816-01-0295	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.3	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20516	0816-01-0335	29.2-29.9	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0336	8.8-9.5	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Uranium-234	0.45	0.055	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-234	0.51	0.060	pCi/g	None
16-20516	0816-01-0295	0-1	QBT 4	Uranium-235	0.068	0.016	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-235	0.03	0.012	pCi/g	U
16-20516	0816-01-0295	0-1	QBT 4	Uranium-238	0.374	0.047	pCi/g	None
16-20516	0816-01-0297	2-3	QBT 3	Uranium-238	0.47	0.060	pCi/g	None
16-20516	0816-01-0112	0-1	QBT 4	Vanadium	7.0999999	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Vanadium	8.8999996	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Vanadium	4	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Vinyl Chloride	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Vinyl Chloride	0.0059	-	mg/kg	U
16-20516	0816-01-0295	0-1	QBT 4	Xylene (Total)	0.006	-	mg/kg	U
16-20516	0816-01-0297	2-3	QBT 3	Xylene (Total)	0.0059	-	mg/kg	U
16-20516	0816-01-0112	0-1	QBT 4	Zinc	43.900002	-	mg/kg	None
16-20516	0816-01-0295	0-1	QBT 4	Zinc	44.900002	-	mg/kg	None
16-20516	0816-01-0335	29.2-29.9	QBT 3	Zinc	27	-	mg/kg	None
16-20516	0816-01-0336	8.8-9.5	QBT 3	Zinc	26.1	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthene	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Acenaphthylene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Aluminum	6680	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Aluminum	2950	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Aluminum	2030	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aluminum	4640	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aluminum	3930	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Aluminum	1800	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aluminum	2130	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.16	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.054	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.17	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.042	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.048	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.061	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Aniline	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Aniline	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Anthracene	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Antimony	0.3	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Antimony	0.24	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Antimony	0.2	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Antimony	0.79	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Arsenic	2.8	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Arsenic	0.81	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Arsenic	2.0999999	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Arsenic	0.66	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Arsenic	0.58	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Arsenic	0.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Arsenic	0.36	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Azobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Barium	1800	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Barium	8.1999998	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Barium	30.9	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Barium	22.1	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Barium	14.7	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Barium	6.3000002	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Barium	413	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(a)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(b)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(g,h,i)perylene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzo(k)fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzoic Acid	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Benzoic Acid	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Benzyl Alcohol	0.37	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20526	0816-01-0325	27.3-28.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Beryllium	1.4	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Beryllium	0.67	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Beryllium	1.4	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Beryllium	1.3	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Beryllium	0.97	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Beryllium	0.68	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.37	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-chloroethyl)ether	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromide	0.0763	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromide	0.0751	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Butylbenzylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cadmium	0.017	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Cadmium	0.043	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Cadmium	0.017	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cadmium	0.18	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cadmium	0.72	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cadmium	0.045	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cadmium	0.091	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Calcium	958	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46410	10.5-11	QBT 3	Calcium	568	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Calcium	489	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Calcium	956	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Calcium	676	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Calcium	419	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Calcium	399	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloride	12.7	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloride	15.6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloride	16.200001	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloroaniline[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chloronaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chromium	5.6999998	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium	1.3	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Chromium	1.1	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium	3.2	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium	2.0999999	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium	0.96	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium	1.6	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Chromium hexavalent ion	0.45	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Chrysene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Cobalt	0.87	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Cobalt	1.8	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Copper	8.6999998	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Copper	2.5999999	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Copper	3.8	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Copper	8.1000004	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Copper	7.9000001	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Copper	1.7	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Copper	7.8000002	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Dibenz(a,h)anthracene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dibenzofuran	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,3-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzene[1,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dichlorophenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Diethylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethyl Phthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dimethylphenol[2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-butylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrobenzene[1,3-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrophenol[2,4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrophenol[2,4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.37	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,4-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Dinitrotoluene[2,6-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Di-n-octylphthalate	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluoranthene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Fluorene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Fluoride	2.55	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Fluoride	1.96	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Fluoride	1.6	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorobutadiene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachlorocyclopentadiene	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachlorocyclopentadiene	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Hexachloroethane	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	HMX	1.7	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	HMX	0.39	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	HMX	0.54	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	HMX	0.55	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	HMX	0.5	-	mg/kg	J-
16-20526	RE16-02-46407	47.2-47.9	QBT 3	HMX	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	HMX	0.24	-	mg/kg	J-
16-20526	0816-01-0195	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0325	27.3-28.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Iron	12700	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Iron	8390	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Iron	8610	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Iron	9330	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Iron	8890	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Iron	10600	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Iron	9010	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Isophorone	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Lead	3.4000001	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Lead	2.0999999	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Lead	2	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Lead	3.5	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Lead	3	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Lead	3	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Lead	4.6999998	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Magnesium	1390	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Magnesium	423	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Magnesium	248	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Magnesium	684	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Magnesium	556	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Magnesium	304	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Magnesium	391	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Manganese	320	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Manganese	288	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Manganese	304	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Manganese	315	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Manganese	280	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Manganese	154	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Manganese	357	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Mercury	0.023	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Mercury	0.033	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Mercury	0.017	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylnaphthalene[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Methylphenol[4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Naphthalene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nickel	4.5999999	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Nickel	1.8	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Nickel	1.7	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nickel	4.9000001	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nickel	2.9000001	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nickel	1.1	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nickel	2.0999999	-	mg/kg	J

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[2-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[2-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[3-]	1.8000001	-	mg/kg	UJ
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[3-]	1.8000001	-	mg/kg	UJ
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroaniline[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroaniline[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.37	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrobenzene	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrobenzene	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[2-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrophenol[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrophenol[4-]	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodimethylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[2-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[3-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Nitrotoluene[4-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxalate	0.481	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxalate	0.904	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxalate	0.901	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Pentachlorophenol	1.8000001	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Pentachlorophenol	1.8000001	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Perchlorate	0.122	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Perchlorate	0.0643	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenanthrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Phenol	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Phenol	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Potassium	781	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Potassium	380	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Potassium	348	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Potassium	598	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Potassium	495	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Potassium	293	-	mg/kg	J

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0326	53.5-54.5	QBT 3	Potassium	402	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Pyrene	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	RDX	8.3000002	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	RDX	3.8	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	RDX	3.9000001	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	RDX	4.3000002	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	RDX	4.8000002	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	RDX	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	RDX	2.8000002	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Selenium	0.26	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Selenium	0.12	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Selenium	0.23	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Selenium	0.34	-	mg/kg	J-
16-20526	0816-01-0324	37.3-38.3	QBT 3	Selenium	0.31	-	mg/kg	J-
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Selenium	0.17	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20526	0816-01-0195	0-1	QBT 4	Silver	0.5	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Silver	0.042	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Silver	0.5	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Silver	0.59	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Silver	0.52	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Silver	0.059	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Silver	0.45	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Sodium	248	-	mg/kg	J
16-20526	RE16-02-46410	10.5-11	QBT 3	Sodium	110	-	mg/kg	J
16-20526	0816-01-0196	2-3	QBT 3	Sodium	170	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sodium	102	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sodium	99.699997	-	mg/kg	J
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Sodium	120	-	mg/kg	J
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sodium	105	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Sulfate	8.2700005	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Sulfate	6	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Sulfate	1.58	-	mg/kg	None
16-20526	0816-01-0195	0-1	QBT 4	Tetryl	0.28	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Tetryl	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Thallium	0.17	-	mg/kg	U
16-20526	RE16-02-46410	10.5-11	QBT 3	Thallium	0.064	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Thallium	0.17	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Thallium	0.4	-	mg/kg	J
16-20526	0816-01-0324	37.3-38.3	QBT 3	Thallium	0.06	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Thallium	0.14	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Thallium	0.23	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.37	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.36	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.28	-	mg/kg	U
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.48	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0196	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.029	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0324	37.3-38.3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0326	53.5-54.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20526	0816-01-0195	0-1	QBT 4	Vanadium	11.3	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Vanadium	4.3000002	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Vanadium	4.4000001	-	mg/kg	J
16-20526	0816-01-0325	27.3-28.3	QBT 3	Vanadium	5.9000001	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Vanadium	5.0999999	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Vanadium	3.8	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Vanadium	4.5999999	-	mg/kg	J
16-20526	0816-01-0195	0-1	QBT 4	Zinc	52.700001	-	mg/kg	None
16-20526	RE16-02-46410	10.5-11	QBT 3	Zinc	39.200001	-	mg/kg	None
16-20526	0816-01-0196	2-3	QBT 3	Zinc	35.700001	-	mg/kg	None
16-20526	0816-01-0325	27.3-28.3	QBT 3	Zinc	39.799999	-	mg/kg	None
16-20526	0816-01-0324	37.3-38.3	QBT 3	Zinc	41.599998	-	mg/kg	None
16-20526	RE16-02-46407	47.2-47.9	QBT 3	Zinc	41.200001	-	mg/kg	None
16-20526	0816-01-0326	53.5-54.5	QBT 3	Zinc	41.900002	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aluminum	1570	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Aluminum	1900	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Aluminum	2110	-	mg/kg	None



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Aluminum	1100	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Aluminum	1290	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Aluminum	940	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Aluminum	1800	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Aluminum	792	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Aluminum	2110	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Aniline	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0351	19.7-20.3	QBT 3	Antimony	0.2	-	mg/kg	UJ

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	0816-01-0146	2-3	QBT 3	Antimony	0.24	-	mg/kg	UJ
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0337	47.5-48.1	QBT 3	Antimony	0.02	-	mg/kg	UJ
16-20554	0816-01-0338	76.1-76.8	QBT 3	Antimony	0.2	-	mg/kg	UJ
16-20554	0816-01-0143	0-1	QBT 4	Arsenic	1.6	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Arsenic	1.7	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Arsenic	0.65	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Arsenic	1.8	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Arsenic	0.64	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Arsenic	0.51	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Arsenic	0.43	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Barium	8.6000004	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Barium	11.2	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Barium	10.1	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Barium	7.8000002	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Barium	10.3	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Barium	10.6	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Barium	10.2	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Barium	8.8999996	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Barium	17.7000001	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Beryllium	0.62	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Beryllium	0.97	-	mg/kg	J-
16-20554	0816-01-0145	2-3	QBT 3	Beryllium	0.51	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Beryllium	0.49	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Beryllium	0.42	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Beryllium	0.5	-	mg/kg	J-
16-20554	0816-01-0337	47.5-48.1	QBT 3	Beryllium	0.43	-	mg/kg	J-
16-20554	0816-01-0338	76.1-76.8	QBT 3	Beryllium	0.99	-	mg/kg	J-
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromide	0.0328	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bromide	0.033	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromide	0.032	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Cadmium	0.016	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Cadmium	0.019	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Cadmium	0.016	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cadmium	0.05	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cadmium	0.04	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cadmium	0.034	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cadmium	0.11	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Calcium	395	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Calcium	461	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Calcium	400	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Calcium	379	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Calcium	427	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Calcium	305	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Calcium	414	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0337	47.5-48.1	QBT 3	Calcium	252	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Calcium	509	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chloride	7.73	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Chloride	5.75	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Chloride	8	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Chloride	9.29	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chromium	0.48	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Chromium	0.51	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium	0.74	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Chromium	0.32	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Chromium	0.41	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium	1.3	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium	0.81	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium	0.94	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium	1.1	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chromium hexavalent ion	0.44	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Chromium hexavalent ion	0.4	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Chromium hexavalent ion	0.41	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Chrysene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Cobalt	0.47	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Cobalt	1.1	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Cobalt	1.2	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Cobalt	0.57	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Cobalt	0.61	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Cobalt	0.35	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Cobalt	0.7	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Copper	1.7	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Copper	2.0999999	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Copper	2.3	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Copper	1.9	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Copper	1.8	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Copper	1.7	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Copper	1.9	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Copper	1.6	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrobenzene[1,3-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,4-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Dinitrotoluene[2,6-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Fluorene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Fluoride	1.5700001	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Fluoride	2.73	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Fluoride	0.717	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Fluoride	0.833	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	UJ

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	HMX	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	HMX	0.29	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	HMX	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Iron	7010	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Iron	7390	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Iron	5740	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Iron	7140	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Iron	7190	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Iron	7210	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Iron	6020	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Iron	4130	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Iron	5430	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Isophorone	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0146	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Lead	2.4000001	-	mg/kg	J-
16-20554	0816-01-0144	0-1	QBT 4	Lead	2.9000001	-	mg/kg	J-
16-20554	0816-01-0145	2-3	QBT 3	Lead	2.5999999	-	mg/kg	J-
16-20554	0816-01-0146	2-3	QBT 3	Lead	3.5	-	mg/kg	J-
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Lead	3.5999999	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Magnesium	173	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Magnesium	202	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Magnesium	241	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Magnesium	126	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Magnesium	149	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Magnesium	328	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Magnesium	282	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Magnesium	92.800003	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Magnesium	313	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Manganese	286	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Manganese	270	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Manganese	213	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Manganese	256	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Manganese	339	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Manganese	364	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Manganese	211	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Manganese	208	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Manganese	285	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Mercury	0.017	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	UU

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nickel	0.91	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Nickel	1	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nickel	0.87	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Nickel	0.93	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nickel	0.78	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nickel	0.9	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nickel	0.86	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nickel	1.1	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	UJ
16-20554	0816-01-0144	0-1	QBT 4	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrobenzene	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[2-]	0.27	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[2-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[3-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Nitrotoluene[4-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxalate	0.312	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxalate	3.6800001	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxalate	0.304	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Perchlorate	0.0157	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Perchlorate	0.0158	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Perchlorate	0.00767	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Potassium	253	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Potassium	254	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Potassium	238	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Potassium	249	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Potassium	299	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Potassium	231	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Potassium	169	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Potassium	279	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Pyrene	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	RDX	0.24	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	RDX	0.42	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	RDX	0.093	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	RDX	0.097	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	RDX	2.7	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	RDX	0.08	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0338	76.1-76.8	QBT 3	RDX	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Selenium	0.38	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Selenium	0.13	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Selenium	0.14	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Selenium	0.24	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Selenium	0.25	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Selenium	0.35	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Silver	0.29	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Silver	0.073	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Silver	0.062	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Silver	0.056	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Silver	0.058	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Sodium	110	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Sodium	104	-	mg/kg	J
16-20554	0816-01-0145	2-3	QBT 3	Sodium	136	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Sodium	139	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Sodium	181	-	mg/kg	J
16-20554	0816-01-0339	41.5-42.2	QBT 3	Sodium	117	-	mg/kg	J
16-20554	0816-01-0337	47.5-48.1	QBT 3	Sodium	114	-	mg/kg	J
16-20554	0816-01-0338	76.1-76.8	QBT 3	Sodium	80.599998	-	mg/kg	J
16-20554	0816-01-0143	0-1	QBT 4	Sulfate	81.599998	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Sulfate	46.700001	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Sulfate	157	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Sulfate	161	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Tetryl	0.08	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0145	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Tetryl	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Thallium	0.16	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Thallium	0.088	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Thallium	0.062	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Thallium	0.063	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	UJ
16-20554	0816-01-0145	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0144	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0351	19.7-20.3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0145	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	0816-01-0146	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.27	-	mg/kg	U
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20554	0816-01-0339	41.5-42.2	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0337	47.5-48.1	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0338	76.1-76.8	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20554	0816-01-0143	0-1	QBT 4	Vanadium	2.7	-	mg/kg	J
16-20554	0816-01-0144	0-1	QBT 4	Vanadium	3.4000001	-	mg/kg	J
16-20554	0816-01-0351	19.7-20.3	QBT 3	Vanadium	2.8	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Vanadium	2.8	-	mg/kg	J
16-20554	0816-01-0146	2-3	QBT 3	Vanadium	3	-	mg/kg	J
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Vanadium	2.0999999	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Vanadium	2.3	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Vanadium	2.5999999	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Vanadium	1.9	-	mg/kg	None
16-20554	0816-01-0143	0-1	QBT 4	Zinc	31.9	-	mg/kg	None
16-20554	0816-01-0144	0-1	QBT 4	Zinc	32.900002	-	mg/kg	None
16-20554	0816-01-0351	19.7-20.3	QBT 3	Zinc	30	-	mg/kg	None
16-20554	0816-01-0145	2-3	QBT 3	Zinc	34.400002	-	mg/kg	None
16-20554	0816-01-0146	2-3	QBT 3	Zinc	35.200001	-	mg/kg	None
16-20554	RE16-02-46408	35.9-36.5	QBT 3	Zinc	42.700001	-	mg/kg	None
16-20554	0816-01-0339	41.5-42.2	QBT 3	Zinc	29.299999	-	mg/kg	None
16-20554	0816-01-0337	47.5-48.1	QBT 3	Zinc	23.299999	-	mg/kg	None
16-20554	0816-01-0338	76.1-76.8	QBT 3	Zinc	29.6	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.6000004	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	(+)-2-(4-chloro-2-methylphenoxy)propanoic acid	8.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthene	0.35	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acenaphthylene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Acenaphthylene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Acenaphthylene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Acetone	0.11	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Acetone	0.41	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aluminum	2680	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Aluminum	3740	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aluminum	718	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aluminum	1900	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Aluminum	803	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Aluminum	984	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aluminum	1420	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Aluminum	1380	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aluminum	656	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Aluminum	1390	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Americium-241	-0.15	0.100	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Americium-241	0.01	0.055	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.08	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Amino-2,6-dinitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Amino-4,6-dinitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aniline	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Aniline	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Aniline	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Antimony	0.79	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Antimony	0.83	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Antimony	0.85	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Antimony	0.2	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Antimony	0.79	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Antimony	0.796	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1016	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1016	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1221	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1221	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1232	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1232	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1242	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1242	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1248	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1248	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1254	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1254	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Aroclor-1260	0.036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Aroclor-1260	0.035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Arsenic	0.84	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Arsenic	0.9	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Arsenic	0.46	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Arsenic	0.34	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Arsenic	0.27	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Arsenic	0.71	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Arsenic	0.2	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Arsenic	0.11	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0299	2-3	QBT 3	Asbestos	0	-	pct	U
16-20557	0816-01-0298	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Azobenzene	0.36	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Azobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Azobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Azobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Barium	487	-	mg/kg	J+
16-20557	0816-01-0302	0-1	QBT 4	Barium	552	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Barium	773	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Barium	715	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Barium	277	-	mg/kg	J+
16-20557	0816-01-0303	2-3	QBT 3	Barium	295	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Barium	406	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Barium	5.1999998	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Barium	6.4000001	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Barium	6.5999999	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Benzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(a)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(a)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(a)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(b)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(b)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(b)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(g,h,i)perylene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(g,h,i)perylene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(g,h,i)perylene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzo(k)fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzo(k)fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzo(k)fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzoic Acid	1.7	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzoic Acid	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Benzyl Alcohol	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Benzyl Alcohol	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Benzyl Alcohol	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Beryllium	0.49	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Beryllium	0.53	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Beryllium	1.2	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Beryllium	0.37	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Beryllium	0.45	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Beryllium	1	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Beryllium	0.75	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Beryllium	0.62	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Beryllium	0.86	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[beta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[delta-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	BHC[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	BHC[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.35	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethoxy)methane	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethoxy)methane	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-chloroethyl)ether	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-chloroethyl)ether	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-chloroethyl)ether	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bis(2-ethylhexyl)phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bis(2-ethylhexyl)phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromide	0.0814	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromide	0.239	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Bromide	0.0813	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromide	0.0753	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromide	0.0752	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromochloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromochloromethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromodichloromethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromodichloromethane	0.0053	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Bromoform	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromoform	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromomethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Bromophenyl-phenylether[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Bromophenyl-phenylether[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[n-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[n-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[sec-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[sec-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzene[tert-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzene[tert-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Butylbenzylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Butylbenzylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Butylbenzylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cadmium	0.24	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Cadmium	0.16	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cadmium	0.088	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cadmium	0.14	-	mg/kg	J

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	Cadmium	0.68	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cadmium	0.63	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Cadmium	0.044	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cadmium	0.064	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Cadmium	0.063	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Calcium	585	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Calcium	617	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Calcium	239	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Calcium	349	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Calcium	275	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Calcium	384	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Calcium	361	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Calcium	578	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Calcium	342	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Calcium	366	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Carbon Disulfide	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Carbon Disulfide	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Carbon Tetrachloride	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Carbon Tetrachloride	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-134	-0.033	0.047	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-134	-0.034	0.032	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Cesium-137	-0.024	0.043	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cesium-137	-0.001	0.028	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[alpha-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlordane[gamma-]	0.0018	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloride	30.299999	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloride	47.400002	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloride	49.799999	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Chloride	25.700001	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloride	29.700001	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloride	35.099998	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Chloride	32.299999	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloro-3-methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloro-3-methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroaniline[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloroaniline[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chloroaniline[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorobenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorobenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorodibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorodibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloroform	0.0016	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloroform	0.0012	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chloronaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chloronaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Chloronaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chlorophenyl-phenyl[4-] Ether	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chlorotoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chlorotoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chromium	1.8	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Chromium	2.9000001	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium	0.68	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium	1.4	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Chromium	0.67	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Chromium	0.75	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium	0.85	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium	0.9	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Chromium	0.97	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chromium hexavalent ion	0.43	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chromium hexavalent ion	0.42	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chromium hexavalent ion	0.43	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Chromium hexavalent ion	0.1	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chromium hexavalent ion	0.054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Chrysene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Chrysene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Chrysene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Cobalt	2	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Cobalt	3.5	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Cobalt	2.3	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Cobalt	2.5999999	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Cobalt	1.9	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Cobalt	1.5	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Cobalt	0.71	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Cobalt	0.75	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Cobalt	1.3	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Cobalt-60	-0.12	0.055	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Cobalt-60	0.018	0.025	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Copper	2.0999999	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Copper	3.5	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Copper	2.5999999	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Copper	13	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Copper	2	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Copper	2.5999999	-	mg/kg	J

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0333	36.7-37.4	QBT 3	Copper	2.7	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Copper	3.3	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Copper	3	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Copper	2.4000001	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 3	Cyanide, Reactive	0.054	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	Cyanide, Reactive	0.053	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	D[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	D[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dalapon	0.043	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dalapon	0.042	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DB[2,4-]	0.086	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DB[2,4-]	0.085	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDD[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDE[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	DDT[4,4'-]	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenz(a,h)anthracene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dibenz(a,h)anthracene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dibenz(a,h)anthracene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibenzofuran	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dibenzofuran	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dibenzofuran	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Dibenzofuran	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromo-3-Chloropropane[1,2-]	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromoethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromoethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dibromomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dibromomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dicamba	0.043	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dicamba	0.042	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,3-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,3-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzene[1,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzene[1,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzene[1,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzene[1,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorobenzidine[3,3'-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorobenzidine[3,3'-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorodifluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloroethene[cis/trans-1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloroethene[cis/trans-1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorophenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dichlorophenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dichlorophenol[2,4-]	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropane[2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropane[2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[cis-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[cis-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichloropropene[trans-1,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichloropropene[trans-1,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dichlorprop	0.086	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dichlorprop	0.085	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dieldrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Diethylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Diethylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Diethylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethyl Phthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethyl Phthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethyl Phthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dimethylphenol[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dimethylphenol[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dimethylphenol[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-butylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-butylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-butylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitro-2-methylphenol[4,6-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitro-2-methylphenol[4,6-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrobenzene[1,3-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Dinitrobenzene[1,3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0302	0-1	QBT 4	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	UJ
16-20557	0816-01-0303	2-3	QBT 3	Dinitrophenol[2,4-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	Dinitrophenol[2,4-]	1.6	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.053	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.036	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,4-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Dinitrotoluene[2,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Dinitrotoluene[2,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Di-n-octylphthalate	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Di-n-octylphthalate	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Di-n-octylphthalate	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Dinoseb	0.027	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Dinoseb	0.026	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan I	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan II	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endosulfan Sulfate	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Endrin Aldehyde	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Endrin Ketone	0.0018	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Endrin Ketone	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Ethylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Ethylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Europium-152	0.09	0.205	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Europium-152	0.22	0.150	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Fluoranthene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluoranthene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluoranthene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Fluorene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Fluorene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Fluorene	0.33	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Fluoride	0.915	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Fluoride	0.971	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Fluoride	0.492	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Fluoride	0.853	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Fluoride	0.914	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Fluoride	0.855	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Fluoride	1.27	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlor Epoxide	0.0018	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	6.8E-05	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzodioxins (Total)	6.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.9E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	6.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Heptachlorodibenzofurans (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Heptachlorodibenzofurans (Total)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorobutadiene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorobutadiene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorobutadiene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachlorocyclopentadiene	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0328	66-67	QBT 3	Hexachlorocyclopentadiene	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	4.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	5.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	4.5E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzodioxins (Total)	5.6E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzodioxins (Total)	4.5E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,4,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,4,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,6,7,8-]	5.7E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,6,7,8-]	3.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[1,2,3,7,8,9-]	6.5E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[1,2,3,7,8,9-]	3.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofuran[2,3,4,6,7,8-]	6.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofuran[2,3,4,6,7,8-]	3.4E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachlorodibenzofurans (Total)	5.7E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachlorodibenzofurans (Total)	3.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexachloroethane	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Hexachloroethane	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Hexachloroethane	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Hexanone[2-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Hexanone[2-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	HMX	0.29	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	HMX	0.275	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0327	18.7-19.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0299	2-3	QBT 3	HMX	0.2	-	mg/kg	J



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0303	2-3	QBT 3	HMX	0.301	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	RE16-02-46409	47-47.5	QBT 3	HMX	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0328	66-67	QBT 3	HMX	0.25	-	mg/kg	UJ
16-20557	0816-01-0298	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Indeno(1,2,3-cd)pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Indeno(1,2,3-cd)pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iodomethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Iodomethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Iron	7930	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Iron	9850	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Iron	7070	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Iron	6800	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Iron	6370	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Iron	8150	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Iron	7340	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Iron	7390	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Iron	6390	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Iron	7730	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isophorone	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Isophorone	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Isophorone	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Isophorone	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Isopropylbenzene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropylbenzene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Isopropyltoluene[4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Isopropyltoluene[4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Lead	3.8	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Lead	4.4000001	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Lead	5.1999998	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Lead	2.8	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Lead	3.5	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Lead	3.9000001	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Lead	2.7	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Lead	4	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Lead	4.3000002	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	Magnesium	301	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Magnesium	568	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Magnesium	189	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Magnesium	326	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Magnesium	115	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Magnesium	174	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Magnesium	273	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Magnesium	302	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Magnesium	198	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Magnesium	262	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Manganese	211	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Manganese	315	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Manganese	259	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Manganese	254	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Manganese	347	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Manganese	233	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Manganese	301	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Manganese	292	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Manganese	239	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 4	MCPA	8.6000004	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	MCPA	8.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Mercury	0.018	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Mercury	0.033	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Mercury	0.017	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methoxychlor[4,4'-]	0.0036	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methoxychlor[4,4'-]	0.0035	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methyl-2-pentanone[4-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methyl-2-pentanone[4-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylene Chloride	0.0042	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylene Chloride	0.0037	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylnaphthalene[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylnaphthalene[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylnaphthalene[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[2-]	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Methylphenol[4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Methylphenol[4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Methylphenol[4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Naphthalene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Naphthalene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Naphthalene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nickel	3.7	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Nickel	2.5999999	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nickel	1.3	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nickel	2.5999999	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Nickel	3.5	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Nickel	2.7	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nickel	1.4	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Nickel	1.3	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nickel	1.7	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Nickel	1.5	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[2-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[2-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[3-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[3-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroaniline[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroaniline[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.35	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.36	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrobenzene	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrobenzene	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrobenzene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[2-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[2-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[2-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrophenol[4-]	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrophenol[4-]	1.6	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodimethylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodimethylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodimethylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitroso-di-n-propylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitroso-di-n-propylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrosodiphenylamine[N-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrosodiphenylamine[N-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[2-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[2-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[3-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[3-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Nitrotoluene[4-]	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0302	0-1	QBT 4	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Nitrotoluene[4-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Nitrotoluene[4-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	8.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	6.6E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	9.2E-05	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxalate	0.977	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxalate	0.308	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxalate	0.885	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Oxalate	0.975	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxalate	1.3	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxalate	2.1700001	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Oxalate	0.902	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Oxybis(1-chloropropane)[2,2'-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00023	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxin[1,2,3,7,8-]	0.00034	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzodioxins (Total)	0.00023	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzodioxins (Total)	0.00034	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[1,2,3,7,8-]	5.9E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[1,2,3,7,8-]	6.9E-05	-	mg/kg	U



**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofuran[2,3,4,7,8-]	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofuran[2,3,4,7,8-]	6.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorodibenzofurans (Totals)	5.3E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorodibenzofurans (Totals)	6.2E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pentachlorophenol	1.7	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Pentachlorophenol	1.6	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Perchlorate	0.0651	-	mg/kg	UJ
16-20557	0816-01-0334	11.7-12.6	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Perchlorate	0.0604	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Perchlorate	0.065	-	mg/kg	UJ
16-20557	0816-01-0333	36.7-37.4	QBT 3	Perchlorate	0.0576	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Perchlorate	0.0849	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Perchlorate	0.12	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	PETN	0.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 3	pH	5.8000002	-	NONE	None
16-20557	0816-01-0299	2-3	QBT 3	pH	6.4000001	-	NONE	None
16-20557	0816-01-0298	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Phenanthrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Phenanthrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenanthrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Phenol	0.36	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0334	11.7-12.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Phenol	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Phenol	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Phenol	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Potassium	272	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Potassium	423	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Potassium	291	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Potassium	347	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Potassium	247	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Potassium	252	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Potassium	350	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Potassium	204	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Potassium	264	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Potassium	254	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Propylbenzene[1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Propylbenzene[1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Pyrene	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Pyrene	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Pyrene	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	RDX	4.5	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	RDX	4.6800003	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	RDX	2.5	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	RDX	3.9000001	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	RDX	2	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	RDX	3.5100002	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	RDX	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	RE16-02-46409	47-47.5	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	RDX	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Ruthenium-106	-0.05	0.390	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Ruthenium-106	0.27	0.245	pCi/g	U
16-20557	0816-01-0298	0-1	QBT 4	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Selenium	0.26	-	mg/kg	J-
16-20557	0816-01-0334	11.7-12.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0327	18.7-19.6	QBT 3	Selenium	0.22	-	mg/kg	J-
16-20557	0816-01-0299	2-3	QBT 3	Selenium	0.21	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Selenium	0.52	-	mg/kg	J-
16-20557	0816-01-0333	36.7-37.4	QBT 3	Selenium	0.2	-	mg/kg	UJ
16-20557	RE16-02-46409	47-47.5	QBT 3	Selenium	0.17	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0328	66-67	QBT 3	Selenium	0.21	-	mg/kg	J-
16-20557	0816-01-0298	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Silver	0.48	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Silver	0.49	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Silver	0.04	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Silver	0.45	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Sodium	72.900002	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Sodium	117	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sodium	143	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sodium	104	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Sodium	88.800003	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Sodium	103	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sodium	131	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Sodium	219	-	mg/kg	J
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sodium	202	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Sodium	113	-	mg/kg	J

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0298	0-1	QBT 4	Styrene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Styrene	0.0053	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Sulfate	5.3000002	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Sulfate	0.437	-	mg/kg	None
16-20557	0816-01-0327	18.7-19.6	QBT 3	Sulfate	1.1	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Sulfate	2.3699999	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Sulfate	2.4400001	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Sulfate	6.8499999	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Sulfate	12.3	-	mg/kg	None
16-20557	0816-01-0298	0-1	QBT 3	Sulfide, Reactive	24	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Sulfide, Reactive	23.5	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	T[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	T[2,4,5-]	0.021	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxin[2,3,7,8-]	4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxin[2,3,7,8-]	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzodioxins (Total)	4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzodioxins (Total)	5.8E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofuran[2,3,7,8-]	6.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofuran[2,3,7,8-]	7.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachlorodibenzofurans (Totals)	6.4E-05	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachlorodibenzofurans (Totals)	7.1E-05	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethane[1,1,2,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethane[1,1,2,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetrachloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetrachloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Tetryl	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Tetryl	0.25	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Tetryl	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Thallium	1.4	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Thallium	0.24	-	mg/kg	J
16-20557	0816-01-0334	11.7-12.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Thallium	0.18	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Thallium	0.25	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Thallium	0.17	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Thallium	0.099	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Thallium	0.069	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Thallium	0.053	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Thallium	0.13	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Toluene	0.00072	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Toluene	0.00059	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Toxaphene (Technical Grade)	0.072	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Toxaphene (Technical Grade)	0.071	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	TP[2,4,5-]	0.022	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	TP[2,4,5-]	0.021	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.026	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorobenzene[1,2,4-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorobenzene[1,2,4-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,1-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,1-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethane[1,1,2-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethane[1,1,2-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloroethene	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloroethene	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorofluoromethane	0.011	-	mg/kg	U

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0299	2-3	QBT 3	Trichlorofluoromethane	0.011	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,5-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,5-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.35	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trichlorophenol[2,4,6-]	0.36	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trichlorophenol[2,4,6-]	0.33	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichloropropane[1,2,3-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichloropropane[1,2,3-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trichlorotrifluoroethane	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trichlorotrifluoroethane	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,2,4-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,2,4-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trimethylbenzene[1,3,5-]	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trimethylbenzene[1,3,5-]	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrobenzene[1,3,5-]	0.088	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrobenzene[1,3,5-]	0.13	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrobenzene[1,3,5-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrobenzene[1,3,5-]	0.14	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrobenzene[1,3,5-]	0.2	-	mg/kg	J

**Table B-8.0-3  
Analytical Results of Borehole Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Uncertainty	Units	Report Qualifier
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrobenzene[1,3,5-]	0.12	-	mg/kg	J
16-20557	0816-01-0328	66-67	QBT 3	Trinitrobenzene[1,3,5-]	0.047	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0302	0-1	QBT 4	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0334	11.7-12.6	QBT 3	Trinitrotoluene[2,4,6-]	0.041	-	mg/kg	J
16-20557	0816-01-0327	18.7-19.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0303	2-3	QBT 3	Trinitrotoluene[2,4,6-]	0.08	-	mg/kg	U
16-20557	0816-01-0333	36.7-37.4	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	RE16-02-46409	47-47.5	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0329	52.6-53.6	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Trinitrotoluene[2,4,6-]	0.25	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Uranium-234	0.71	0.095	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-234	0.52	0.065	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Uranium-235	0.049	0.019	pCi/g	U
16-20557	0816-01-0299	2-3	QBT 3	Uranium-235	0.061	0.016	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Uranium-238	0.42	0.065	pCi/g	None
16-20557	0816-01-0299	2-3	QBT 3	Uranium-238	0.51	0.065	pCi/g	None
16-20557	0816-01-0298	0-1	QBT 4	Vanadium	3.5	-	mg/kg	J
16-20557	0816-01-0302	0-1	QBT 4	Vanadium	5.8000002	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Vanadium	2	-	mg/kg	U
16-20557	0816-01-0327	18.7-19.6	QBT 3	Vanadium	3.7	-	mg/kg	J
16-20557	0816-01-0299	2-3	QBT 3	Vanadium	1.3	-	mg/kg	J
16-20557	0816-01-0303	2-3	QBT 3	Vanadium	2.4000001	-	mg/kg	J
16-20557	0816-01-0333	36.7-37.4	QBT 3	Vanadium	3.0999999	-	mg/kg	J
16-20557	RE16-02-46409	47-47.5	QBT 3	Vanadium	3.4000001	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Vanadium	2.2	-	mg/kg	U
16-20557	0816-01-0328	66-67	QBT 3	Vanadium	3.0999999	-	mg/kg	J
16-20557	0816-01-0298	0-1	QBT 4	Vinyl Chloride	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Vinyl Chloride	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Xylene (Total)	0.0054	-	mg/kg	U
16-20557	0816-01-0299	2-3	QBT 3	Xylene (Total)	0.0053	-	mg/kg	U
16-20557	0816-01-0298	0-1	QBT 4	Zinc	36.200001	-	mg/kg	None
16-20557	0816-01-0302	0-1	QBT 4	Zinc	42	-	mg/kg	None
16-20557	0816-01-0334	11.7-12.6	QBT 3	Zinc	38.900002	-	mg/kg	None

**Table B-8.0-3  
Analytical Results of Borehole Samples**

<b>Location ID</b>	<b>Sample ID</b>	<b>Depth (ft)</b>	<b>Media Code</b>	<b>Analyte</b>	<b>Result</b>	<b>Uncertainty</b>	<b>Units</b>	<b>Report Qualifier</b>
16-20557	0816-01-0327	18.7-19.6	QBT 3	Zinc	34.700001	-	mg/kg	None
16-20557	0816-01-0299	2-3	QBT 3	Zinc	35.299999	-	mg/kg	None
16-20557	0816-01-0303	2-3	QBT 3	Zinc	41.099998	-	mg/kg	None
16-20557	0816-01-0333	36.7-37.4	QBT 3	Zinc	38.200001	-	mg/kg	None
16-20557	RE16-02-46409	47-47.5	QBT 3	Zinc	36.799999	-	mg/kg	None
16-20557	0816-01-0329	52.6-53.6	QBT 3	Zinc	35.200001	-	mg/kg	None
16-20557	0816-01-0328	66-67	QBT 3	Zinc	37.099998	-	mg/kg	None



**Table B.8.0-4**  
**Analytical Results of Phase II VOC Vapor Samples**



**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0267	0-44	NA	Acetone	20	ppbv	None
16-20526	0816-01-0268	0-6	NA	Acetone	300	ppbv	None
16-20526	0816-01-0267	0-44	NA	Benzene	1.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Benzene	2.1	ppbv	U
16-20526	0816-01-0267	0-44	NA	Benzyl Chloride	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Benzyl Chloride	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Bromodichloromethane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Bromodichloromethane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Bromoform	3.4	ppbv	UJ
16-20526	0816-01-0268	0-6	NA	Bromoform	3.4	ppbv	UJ
16-20526	0816-01-0267	0-44	NA	Bromomethane	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Bromomethane	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Butanol[1-]	8.6	ppbv	U
16-20526	0816-01-0268	0-6	NA	Butanol[1-]	8.6	ppbv	U
16-20526	0816-01-0267	0-44	NA	Butanone[2-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Butanone[2-]	11	ppbv	None
16-20526	0816-01-0267	0-44	NA	Carbon Disulfide	42	ppbv	None
16-20526	0816-01-0268	0-6	NA	Carbon Disulfide	51	ppbv	None
16-20526	0816-01-0267	0-44	NA	Carbon Tetrachloride	1.5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Carbon Tetrachloride	0.97	ppbv	None
16-20526	0816-01-0267	0-44	NA	Chlorobenzene	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chlorobenzene	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chlorodibromomethane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chlorodibromomethane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chlorodifluoromethane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chlorodifluoromethane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chloroethane	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chloroethane	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Chloroform	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chloroform	0.86	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0267	0-44	NA	Chloromethane	1.6	ppbv	U
16-20526	0816-01-0268	0-6	NA	Chloromethane	1.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Cyclohexane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Cyclohexane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichlorodifluoromethane	5.3	ppbv	None
16-20526	0816-01-0268	0-6	NA	Dichlorodifluoromethane	4.5	ppbv	None
16-20526	0816-01-0267	0-44	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethane[1,2-]	1	ppbv	None
16-20526	0816-01-0268	0-6	NA	Dichloroethane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0267	0-44	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Ethanol	13	ppbv	None
16-20526	0816-01-0268	0-6	NA	Ethanol	7.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Ethylbenzene	1.2	ppbv	None
16-20526	0816-01-0268	0-6	NA	Ethylbenzene	1.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Ethyltoluene[4-]	3.4	ppbv	UJ
16-20526	0816-01-0268	0-6	NA	Ethyltoluene[4-]	3.4	ppbv	UJ
16-20526	0816-01-0267	0-44	NA	Hexachlorobutadiene	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Hexachlorobutadiene	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Hexane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Hexane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Hexanone[2-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Hexanone[2-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methanol	86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Methanol	86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Methylene Chloride	48	ppbv	None
16-20526	0816-01-0268	0-6	NA	Methylene Chloride	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	n-Heptane	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	n-Heptane	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Propanol[2-]	5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Propanol[2-]	320	ppbv	None
16-20526	0816-01-0267	0-44	NA	Propylene	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Propylene	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Styrene	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Styrene	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20526	0816-01-0267	0-44	NA	Tetrachloroethene	2.5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Tetrachloroethene	2.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Tetrahydrofuran	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Tetrahydrofuran	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Toluene	19	ppbv	None
16-20526	0816-01-0268	0-6	NA	Toluene	49	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Trichloroethane[1,1,1-]	5.8	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trichloroethane[1,1,1-]	3.1	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Trichloroethene	11	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trichloroethene	5.7	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trichlorofluoromethane	2.6	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trichlorofluoromethane	2.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trimethylbenzene[1,2,4-]	1.7	ppbv	None
16-20526	0816-01-0268	0-6	NA	Trimethylbenzene[1,2,4-]	2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Trimethylbenzene[1,3,5-]	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Trimethylbenzene[1,3,5-]	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Vinyl acetate	3.4	ppbv	U
16-20526	0816-01-0268	0-6	NA	Vinyl acetate	3.4	ppbv	U
16-20526	0816-01-0267	0-44	NA	Vinyl Chloride	0.86	ppbv	U
16-20526	0816-01-0268	0-6	NA	Vinyl Chloride	0.86	ppbv	U
16-20526	0816-01-0267	0-44	NA	Xylene[1,2-]	1.9	ppbv	None
16-20526	0816-01-0268	0-6	NA	Xylene[1,2-]	2.2	ppbv	None
16-20526	0816-01-0267	0-44	NA	Xylene[1,3-]+Xylene[1,4-]	5	ppbv	None
16-20526	0816-01-0268	0-6	NA	Xylene[1,3-]+Xylene[1,4-]	5.3	ppbv	None
16-20554	0816-01-0277	76-78	NA	Acetone	5200	ppbv	None
16-20554	0816-01-0283	37-39	NA	Acetone	29	ppbv	None

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0284	76-78	NA	Acetone	180	ppbv	None
16-20554	0816-01-0277	76-78	NA	Benzene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Benzene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Benzene	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Benzyl Chloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Benzyl Chloride	0.86	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Benzyl Chloride	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Bromodichloromethane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Bromodichloromethane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Bromodichloromethane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Bromoform	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Bromoform	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Bromoform	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Bromomethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Bromomethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Bromomethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Butadiene[1,3-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Butanol[1-]	180	ppbv	UJ
16-20554	0816-01-0283	37-39	NA	Butanol[1-]	8.6	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Butanol[1-]	8.4	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Butanone[2-]	110	ppbv	None
16-20554	0816-01-0283	37-39	NA	Butanone[2-]	68	ppbv	None
16-20554	0816-01-0284	76-78	NA	Butanone[2-]	79	ppbv	None
16-20554	0816-01-0277	76-78	NA	Carbon Disulfide	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Carbon Disulfide	3.6	ppbv	None
16-20554	0816-01-0284	76-78	NA	Carbon Disulfide	7.1	ppbv	None
16-20554	0816-01-0277	76-78	NA	Carbon Tetrachloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Carbon Tetrachloride	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Carbon Tetrachloride	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chlorobenzene	18	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0283	37-39	NA	Chlorobenzene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chlorobenzene	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chlorodibromomethane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chlorodibromomethane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chlorodibromomethane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chlorodifluoromethane	70	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chloroethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chloroethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chloroethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Chloroform	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Chloroform	1.2	ppbv	None
16-20554	0816-01-0284	76-78	NA	Chloroform	1.5	ppbv	None
16-20554	0816-01-0277	76-78	NA	Chloromethane	18	ppbv	UJ
16-20554	0816-01-0283	37-39	NA	Chloromethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Chloromethane	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Cyclohexane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Cyclohexane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Cyclohexane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dibromoethane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dibromoethane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorobenzene[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorobenzene[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorobenzene[1,3-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorobenzene[1,3-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorobenzene[1,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U



**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0284	76-78	NA	Dichlorobenzene[1,4-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichlorodifluoromethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichlorodifluoromethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichlorodifluoromethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethane[1,1-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethane[1,1-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethene[1,1-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethene[1,1-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethene[cis-1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethene[cis-1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloroethene[trans-1,2-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloropropane[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloropropane[1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloropropene[cis-1,3-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloropropene[cis-1,3-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dichloropropene[trans-1,3-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dichloropropene[trans-1,3-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Dioxane[1,4-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Ethanol	70	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0283	37-39	NA	Ethanol	3.4	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Ethanol	3.8	ppbv	J
16-20554	0816-01-0277	76-78	NA	Ethylbenzene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Ethylbenzene	3.4	ppbv	None
16-20554	0816-01-0284	76-78	NA	Ethylbenzene	4.5	ppbv	None
16-20554	0816-01-0277	76-78	NA	Ethyltoluene[4-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Ethyltoluene[4-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Ethyltoluene[4-]	6.1	ppbv	None
16-20554	0816-01-0277	76-78	NA	Hexachlorobutadiene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Hexachlorobutadiene	0.86	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Hexachlorobutadiene	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Hexane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Hexane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Hexane	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Hexanone[2-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Hexanone[2-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Hexanone[2-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methanol	1800	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methanol	86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methanol	84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methyl tert-Butyl Ether	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methyl-2-pentanone[4-]	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Methylene Chloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Methylene Chloride	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Methylene Chloride	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	n-Heptane	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	n-Heptane	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	n-Heptane	3.4	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0277	76-78	NA	Propanol[2-]	2100	ppbv	None
16-20554	0816-01-0283	37-39	NA	Propanol[2-]	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Propanol[2-]	17	ppbv	None
16-20554	0816-01-0277	76-78	NA	Propylene	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Propylene	3.4	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Propylene	3.4	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Styrene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Styrene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Styrene	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Tetrachloroethane[1,1,2,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Tetrachloroethane[1,1,2,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Tetrachloroethene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Tetrachloroethene	1.2	ppbv	None
16-20554	0816-01-0284	76-78	NA	Tetrachloroethene	1.4	ppbv	None
16-20554	0816-01-0277	76-78	NA	Tetrahydrofuran	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Tetrahydrofuran	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Tetrahydrofuran	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Toluene	18	ppbv	None
16-20554	0816-01-0283	37-39	NA	Toluene	9.4	ppbv	None
16-20554	0816-01-0284	76-78	NA	Toluene	10	ppbv	None
16-20554	0816-01-0277	76-78	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trichlorobenzene[1,2,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	UJ
16-20554	0816-01-0284	76-78	NA	Trichlorobenzene[1,2,4-]	0.84	ppbv	UJ
16-20554	0816-01-0277	76-78	NA	Trichloroethane[1,1,1-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloroethane[1,1,1-]	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloroethane[1,1,1-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trichloroethane[1,1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20554	0816-01-0284	76-78	NA	Trichloroethane[1,1,2-]	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trichloroethene	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichloroethene	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichloroethene	1.5	ppbv	None
16-20554	0816-01-0277	76-78	NA	Trichlorofluoromethane	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trichlorofluoromethane	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Trichlorofluoromethane	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Trimethylbenzene[1,2,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trimethylbenzene[1,2,4-]	3.6	ppbv	None
16-20554	0816-01-0284	76-78	NA	Trimethylbenzene[1,2,4-]	6.9	ppbv	None
16-20554	0816-01-0277	76-78	NA	Trimethylbenzene[1,3,5-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Trimethylbenzene[1,3,5-]	1.3	ppbv	None
16-20554	0816-01-0284	76-78	NA	Trimethylbenzene[1,3,5-]	2.2	ppbv	None
16-20554	0816-01-0277	76-78	NA	Vinyl acetate	70	ppbv	U
16-20554	0816-01-0283	37-39	NA	Vinyl acetate	3.4	ppbv	U
16-20554	0816-01-0284	76-78	NA	Vinyl acetate	3.4	ppbv	U
16-20554	0816-01-0277	76-78	NA	Vinyl Chloride	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Vinyl Chloride	0.86	ppbv	U
16-20554	0816-01-0284	76-78	NA	Vinyl Chloride	0.84	ppbv	U
16-20554	0816-01-0277	76-78	NA	Xylene[1,2-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Xylene[1,2-]	7.2	ppbv	None
16-20554	0816-01-0284	76-78	NA	Xylene[1,2-]	9.1	ppbv	None
16-20554	0816-01-0277	76-78	NA	Xylene[1,3-]+Xylene[1,4-]	18	ppbv	U
16-20554	0816-01-0283	37-39	NA	Xylene[1,3-]+Xylene[1,4-]	14	ppbv	None
16-20554	0816-01-0284	76-78	NA	Xylene[1,3-]+Xylene[1,4-]	18	ppbv	None
16-20557	0816-01-0269	54-54	NA	Acetone	37	ppbv	None
16-20557	0816-01-0270	18-18	NA	Acetone	70	ppbv	None
16-20557	0816-01-0271	18-18	NA	Acetone	45	ppbv	None
16-20557	0816-01-0269	54-54	NA	Benzene	1.2	ppbv	U
16-20557	0816-01-0270	18-18	NA	Benzene	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Benzene	2.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Benzyl Chloride	0.86	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0270	18-18	NA	Benzyl Chloride	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Benzyl Chloride	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Bromodichloromethane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Bromodichloromethane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Bromodichloromethane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Bromoform	3.4	ppbv	UJ
16-20557	0816-01-0270	18-18	NA	Bromoform	3.5	ppbv	UJ
16-20557	0816-01-0271	18-18	NA	Bromoform	3.5	ppbv	UJ
16-20557	0816-01-0269	54-54	NA	Bromomethane	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Bromomethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Bromomethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Butadiene[1,3-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Butadiene[1,3-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Butadiene[1,3-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Butanol[1-]	8.6	ppbv	U
16-20557	0816-01-0270	18-18	NA	Butanol[1-]	8.8	ppbv	U
16-20557	0816-01-0271	18-18	NA	Butanol[1-]	8.8	ppbv	U
16-20557	0816-01-0269	54-54	NA	Butanone[2-]	11	ppbv	None
16-20557	0816-01-0270	18-18	NA	Butanone[2-]	26	ppbv	None
16-20557	0816-01-0271	18-18	NA	Butanone[2-]	20	ppbv	None
16-20557	0816-01-0269	54-54	NA	Carbon Disulfide	36	ppbv	None
16-20557	0816-01-0270	18-18	NA	Carbon Disulfide	12	ppbv	None
16-20557	0816-01-0271	18-18	NA	Carbon Disulfide	12	ppbv	None
16-20557	0816-01-0269	54-54	NA	Carbon Tetrachloride	24	ppbv	None
16-20557	0816-01-0270	18-18	NA	Carbon Tetrachloride	1.1	ppbv	None
16-20557	0816-01-0271	18-18	NA	Carbon Tetrachloride	0.97	ppbv	None
16-20557	0816-01-0269	54-54	NA	Chlorobenzene	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chlorobenzene	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chlorobenzene	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chlorodibromomethane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chlorodibromomethane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chlorodibromomethane	3.5	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0269	54-54	NA	Chlorodifluoromethane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chlorodifluoromethane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chlorodifluoromethane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chloroethane	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Chloroethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chloroethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chloroform	2.4	ppbv	None
16-20557	0816-01-0270	18-18	NA	Chloroform	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chloroform	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Chloromethane	0.86	ppbv	UJ
16-20557	0816-01-0270	18-18	NA	Chloromethane	1.1	ppbv	U
16-20557	0816-01-0271	18-18	NA	Chloromethane	1.4	ppbv	U
16-20557	0816-01-0269	54-54	NA	Cyclohexane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Cyclohexane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Cyclohexane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dibromoethane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dibromoethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dibromoethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloro-1,1,2,2-tetrafluoroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorobenzene[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichlorobenzene[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorobenzene[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorobenzene[1,3-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichlorobenzene[1,3-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorobenzene[1,3-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorobenzene[1,4-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichlorobenzene[1,4-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichlorobenzene[1,4-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichlorodifluoromethane	1.3	ppbv	None
16-20557	0816-01-0270	18-18	NA	Dichlorodifluoromethane	0.88	ppbv	U

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0271	18-18	NA	Dichlorodifluoromethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethane[1,1-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethane[1,1-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethane[1,1-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethene[1,1-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethene[1,1-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethene[1,1-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethene[cis-1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethene[cis-1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethene[cis-1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloroethene[trans-1,2-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloroethene[trans-1,2-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloroethene[trans-1,2-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloropropane[1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloropropane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloropropane[1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloropropene[cis-1,3-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloropropene[cis-1,3-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloropropene[cis-1,3-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dichloropropene[trans-1,3-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dichloropropene[trans-1,3-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dichloropropene[trans-1,3-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Dioxane[1,4-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Dioxane[1,4-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Dioxane[1,4-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Ethanol	6.7	ppbv	None
16-20557	0816-01-0270	18-18	NA	Ethanol	18	ppbv	None
16-20557	0816-01-0271	18-18	NA	Ethanol	9.7	ppbv	None
16-20557	0816-01-0269	54-54	NA	Ethylbenzene	1.2	ppbv	None

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0270	18-18	NA	Ethylbenzene	1.6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Ethylbenzene	1.3	ppbv	None
16-20557	0816-01-0269	54-54	NA	Ethyltoluene[4-]	3.4	ppbv	UJ
16-20557	0816-01-0270	18-18	NA	Ethyltoluene[4-]	3.5	ppbv	UJ
16-20557	0816-01-0271	18-18	NA	Ethyltoluene[4-]	3.5	ppbv	UJ
16-20557	0816-01-0269	54-54	NA	Hexachlorobutadiene	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Hexachlorobutadiene	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Hexachlorobutadiene	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Hexane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Hexane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Hexane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Hexanone[2-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Hexanone[2-]	6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Hexanone[2-]	6.4	ppbv	None
16-20557	0816-01-0269	54-54	NA	Methanol	86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methanol	88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methanol	88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Methyl tert-Butyl Ether	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methyl tert-Butyl Ether	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methyl tert-Butyl Ether	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Methyl-2-pentanone[4-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methyl-2-pentanone[4-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methyl-2-pentanone[4-]	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Methylene Chloride	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Methylene Chloride	1.1	ppbv	U
16-20557	0816-01-0271	18-18	NA	Methylene Chloride	0.87	ppbv	U
16-20557	0816-01-0269	54-54	NA	n-Heptane	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	n-Heptane	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	n-Heptane	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Propanol[2-]	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Propanol[2-]	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Propanol[2-]	3.5	ppbv	U



**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0269	54-54	NA	Propylene	4.8	ppbv	None
16-20557	0816-01-0270	18-18	NA	Propylene	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Propylene	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Styrene	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Styrene	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Styrene	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Tetrachloroethane[1,1,2,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Tetrachloroethane[1,1,2,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Tetrachloroethane[1,1,2,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Tetrachloroethene	1.9	ppbv	None
16-20557	0816-01-0270	18-18	NA	Tetrachloroethene	3.4	ppbv	None
16-20557	0816-01-0271	18-18	NA	Tetrachloroethene	2.4	ppbv	None
16-20557	0816-01-0269	54-54	NA	Tetrahydrofuran	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Tetrahydrofuran	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Tetrahydrofuran	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Toluene	39	ppbv	None
16-20557	0816-01-0270	18-18	NA	Toluene	69	ppbv	None
16-20557	0816-01-0271	18-18	NA	Toluene	60	ppbv	None
16-20557	0816-01-0269	54-54	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichlorobenzene[1,2,4-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trichlorobenzene[1,2,4-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichlorobenzene[1,2,4-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichloroethane[1,1,1-]	2.3	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trichloroethane[1,1,1-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichloroethane[1,1,1-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichloroethane[1,1,2-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trichloroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichloroethane[1,1,2-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trichloroethene	4.4	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trichloroethene	7.4	ppbv	None

**Table B-8.0-4  
Analytical Results of Phase II VOC Vapor Samples**

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Units	Report Qualifier
16-20557	0816-01-0271	18-18	NA	Trichloroethene	5.1	ppbv	None
16-20557	0816-01-0269	54-54	NA	Trichlorofluoromethane	1.1	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trichlorofluoromethane	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trichlorofluoromethane	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Trimethylbenzene[1,2,4-]	2.1	ppbv	None
16-20557	0816-01-0270	18-18	NA	Trimethylbenzene[1,2,4-]	2.9	ppbv	None
16-20557	0816-01-0271	18-18	NA	Trimethylbenzene[1,2,4-]	3	ppbv	None
16-20557	0816-01-0269	54-54	NA	Trimethylbenzene[1,3,5-]	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Trimethylbenzene[1,3,5-]	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Trimethylbenzene[1,3,5-]	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Vinyl acetate	3.4	ppbv	U
16-20557	0816-01-0270	18-18	NA	Vinyl acetate	3.5	ppbv	U
16-20557	0816-01-0271	18-18	NA	Vinyl acetate	3.5	ppbv	U
16-20557	0816-01-0269	54-54	NA	Vinyl Chloride	0.86	ppbv	U
16-20557	0816-01-0270	18-18	NA	Vinyl Chloride	0.88	ppbv	U
16-20557	0816-01-0271	18-18	NA	Vinyl Chloride	0.88	ppbv	U
16-20557	0816-01-0269	54-54	NA	Xylene[1,2-]	2.1	ppbv	None
16-20557	0816-01-0270	18-18	NA	Xylene[1,2-]	2.6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Xylene[1,2-]	2.2	ppbv	None
16-20557	0816-01-0269	54-54	NA	Xylene[1,3-]+Xylene[1,4-]	5.5	ppbv	None
16-20557	0816-01-0270	18-18	NA	Xylene[1,3-]+Xylene[1,4-]	6.6	ppbv	None
16-20557	0816-01-0271	18-18	NA	Xylene[1,3-]+Xylene[1,4-]	5.8	ppbv	None