

Analytical Data for Water Samples Collected from Technical Area 21 Distillation Hole

Lab Request Number	Sample Name	Alkalinity-CO3 (mg/L)	Alkalinity-CO3+HCO3 (mg/L)	Aluminum (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Boron (mg/L)	Bromide (mg/L)	Cadmium (mg/L)	Calcium (mg/L)	Cesium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Fluoride (mg/L)	Iron (mg/L)	Lead (mg/L)	Lithium (mg/L)	Magnesium (mg/L)	Manganese (mg/L)
12-559	RE21-12-2068	< 0.8	12.3	0.23	0.007	0.001	0.22	< 0.001	11.3	< 0.01	0.82	133	< 0.001	38	0.0019	< 0.001	0.12	0.63	< 0.01	< 0.0002	0.003	0.68	0.252
12-559	RE21-12-2069	< 0.8	10	2.84	0.008	0.003	0.13	< 0.001	42	< 0.01	7.9	235	< 0.001	41.6	0.056	0.07	67.4	3.3	0.03	0.072	0.017	4.43	2.09
12-559	RE21-12-2070	49.2	81.6	5.79	0.025	0.001	0.19	< 0.001	2.3	0.3	0.0013	183	< 0.001	34.6	0.0011	0.0012	0.14	1.35	< 0.01	< 0.0002	0.0077	0.045	0.003
12-589	RE21-12-2071	14.6	56.7	3.19	0.007	0.0013	0.17	< 0.001	1.4	0.11	0.006	74.2	< 0.001	36.2	0.0017	< 0.001	0.026	4.73	< 0.01	< 0.0002	0.0029	0.277	0.007

Lab Request Number	Sample Name	Mercury (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Oxalate (mg/L)	pH (SU)	Phosphorus, Orthophosphate (Expressed as PO4) (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Silicon Dioxide (mg/L)	Silver (mg/L)	Sodium (mg/L)	Strontium (mg/L)	Sulfate (mg/L)	Thallium (mg/L)	Tin (mg/L)	Titanium (mg/L)	Uranium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
12-559	RE21-12-2068	0.00024	0.029	0.02	104	1.28	< 0.01	8.2	< 0.01	44.58	0.0015	2.16	< 0.001	51.92	0.898	275	< 0.001	< 0.001	< 0.002	< 0.0002	< 0.001	0.047
12-559	RE21-12-2069	0.00019	0.0022	0.93	304	3.84	< 0.01	5.1	< 0.01	129.4	0.0028	9.4	< 0.001	83	1.61	713	< 0.001	< 0.001	< 0.002	< 0.0002	< 0.001	15.1
12-559	RE21-12-2070	0.0015	0.035	0.025	0.06	5.8	< 0.01	10.7	< 0.01	18.9	0.0018	4.67	< 0.001	47.1	1.14	385	< 0.001	< 0.001	< 0.002	< 0.0002	0.004	0.019
12-589	RE21-12-2071	0.00024	0.015	0.016	0.03	0.01	< 0.01	9.2	< 0.01	15.1	< 0.001	2.1	< 0.001	47.9	0.64	196	< 0.001	0.0044	< 0.002	< 0.0002	< 0.001	0.013