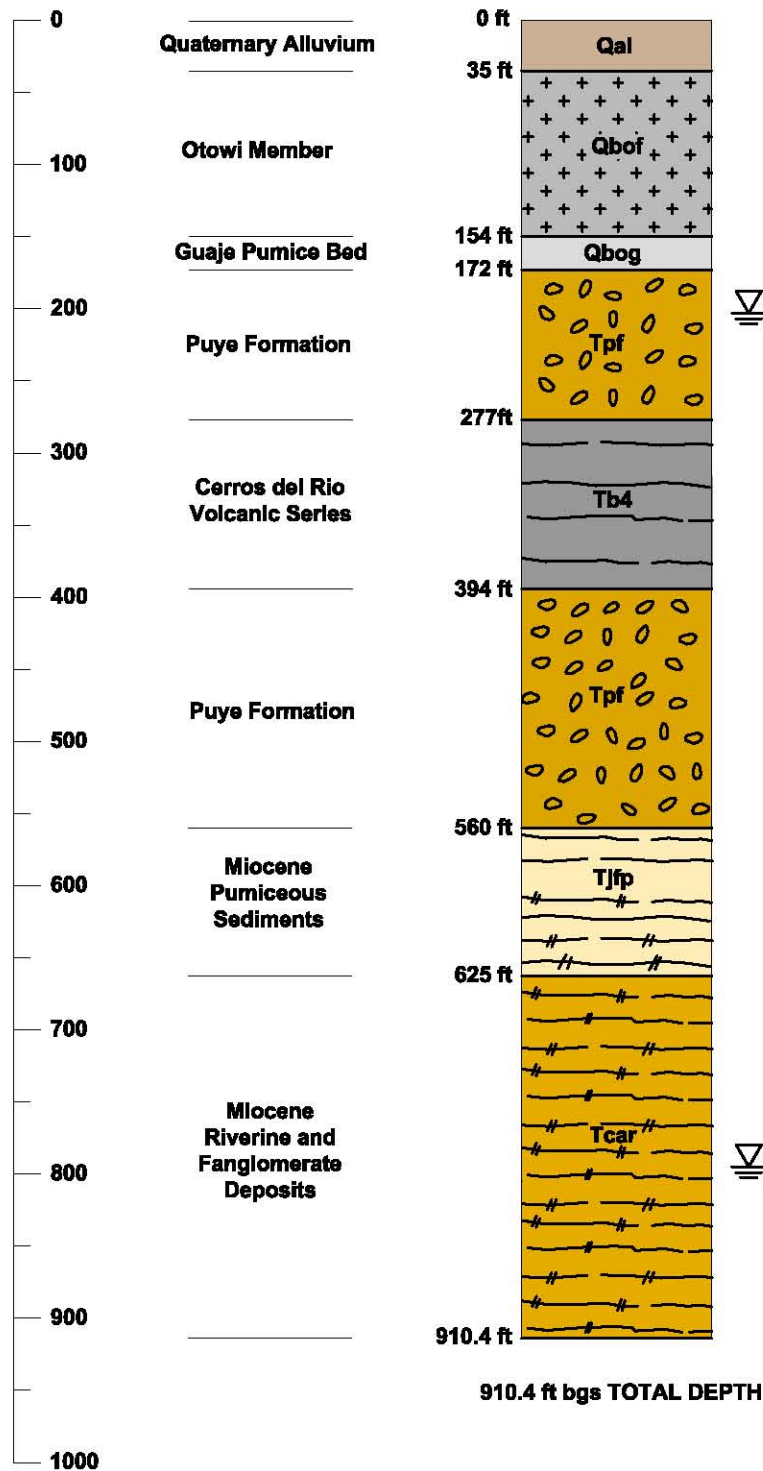


CAD FILE: G:\Environ\120764-Eberline-LANL Wells\2.0 Tech Info\2.8 - Technical-CADD Figures\R-66\ LAYOUT: Lithology PLOTTED: 13 Dec 2011, 7:51am, PDan

DEPTH (FT BGS)



DRILLING INFORMATION

DRILLING COMPANY/PERSONNEL:
 YELLOW JACKET DRILLING
 S. EDWARDS
 Q. STEVENS
 J. SALDANA
 A. LAMON
 M. PHILLIPS

PERCHED WATER DEPTH 203 ft DATE: 10/18/2011

DRILL RIG:
 FOREMOST DR-24 HD

DRILLING METHOD:
 FLUID ASSISTED AIR ROTARY
 FLUID ASSISTED DUAL ROTARY

DRILLING FLUID TYPE:
 WATER
 AIR
0 ft bgs 910.4 ft bgs
 AQF-2 FOAM
215 ft bgs 575 ft bgs
 EZ-MUD (POTABLE WATER)
575 ft bgs 696 ft bgs

DRILLING START / FINISH:
 DATE: 10/15/11 TIME: 15:25
 DATE: 11/05/11 TIME: 18:00

Groundwater Depth: 794.5ft Date: 11/5/2011

GEOLOGISTS:
 EBERLINE SERVICES
 J. MARIN

KLEINFELDER
 C. VALLEJO
 D. KRUPICKA
 D. NEIDIGH
 L. FLEISCHHAUER

910.4 ft bgs TOTAL DEPTH

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ATTACHED IMAGES:
 ATTACHED XREFS:
 ALBUQUERQUE, NM



PROJECT NO.	120764
DRAWN:	12/1/2011
DRAWN BY:	PD
CHECKED BY:	BB
FILE NAME:	120764 R-66.dwg

R-66 WELL SUMMARY DATA SHEET BOREHOLE STRATIGRAPHY	
TA-21 LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO	
ORIGINATOR: C. VALLEJO	DRAWING CATEGORY: 2
APPROVED BY: B. EVERETT	

FIGURE
FACT SHEET

TOTAL LENGTH
CASING AND SCREEN (ft) 855.8

DEPTH TO WATER
AFTER WELL DEVELOPMENT &
AQUIFER TESTING (ft bgs) TBD

DIAMETER OF BOREHOLE

20.75 (in.)	FROM 0	TO 53	(ft bgs)
16.93 (in.)	FROM 53	TO 279.6	(ft bgs)
14.75 (in.)	FROM 279.6	TO 429	(ft bgs)
13.25 (in.)	FROM 429	TO 507	(ft bgs)
13.41 (in.)	FROM 507	TO 673	(ft bgs)
13.25 (in.)	FROM 673	TO 695	(ft bgs)
11.63 (in.)	FROM 695	TO 715	(ft bgs)
11.25 (in.)	FROM 715	TO 907.6	(ft bgs)
9.88 (in.)	FROM 907.6	TO 910.4	(ft bgs)

SURFACE COMPLETION (proposed)

PROTECTIVE CASING
TYPE STEEL SIZE 16 (in) OD
PAD AND PROTECTIVE POSTS INSTALLED TBD

SURFACE SEAL AND PAD
CHECK FOR SETTLEMENT 12/12/11
PAD MATERIAL CONCRETE
REINFORCED WITH WIRE MESH
PAD DIMENSIONS (ft) 10 (L) 10 (W) 0.5 (H)

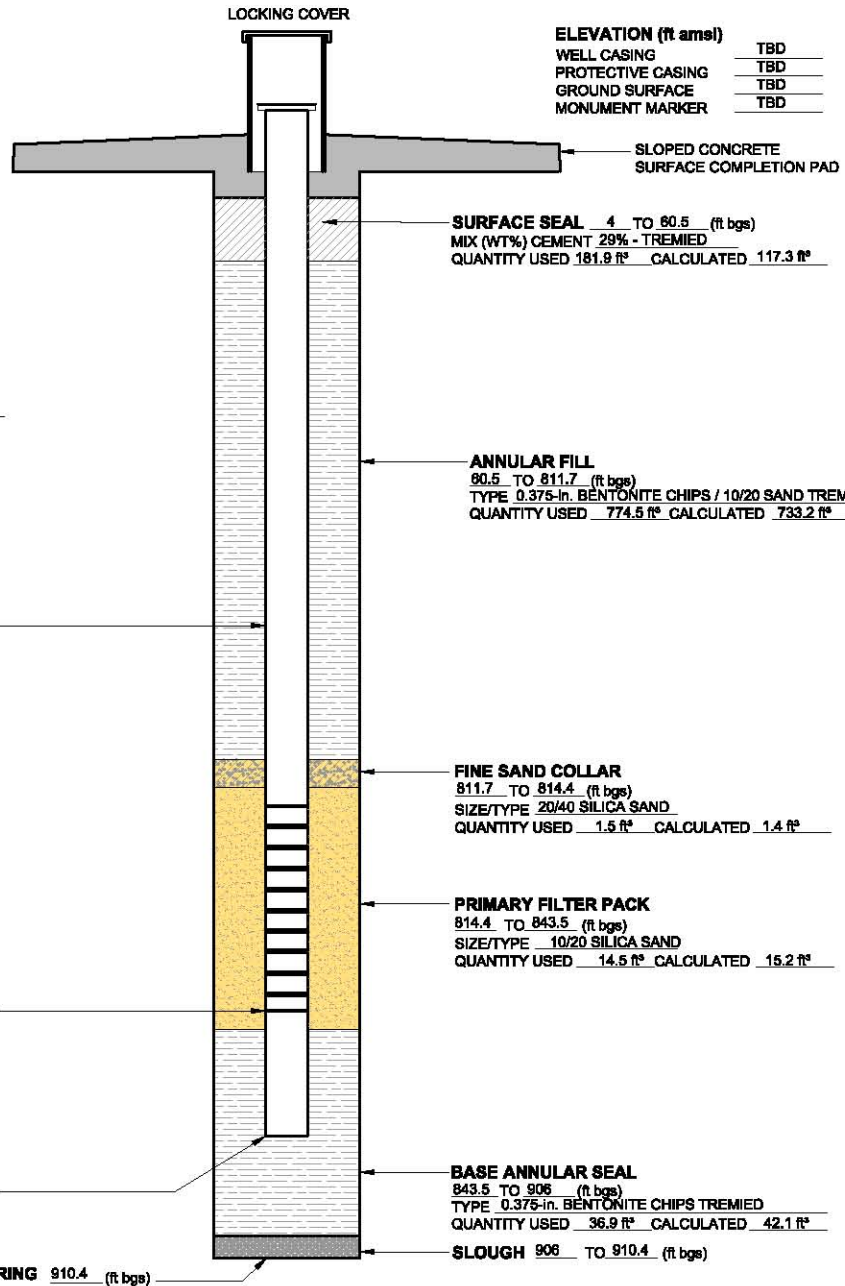
STAINLESS STEEL CENTRALIZERS USED
 YES AT 815.7 (ft bgs) AND 841.5 (ft bgs)

TYPE OF CASING
MATERIAL PASSIVATED A304 STAINLESS STEEL
ID (in.) 5.0 OD (in.) 5.56
JOINT TYPE THREADED / COUPLED (86.8 ft)
JOINT TYPE WELDED (769.2 ft)

SCREENED INTERVAL 819.4 TO 839.7 (ft bgs)
SCREEN TYPE A304 STAINLESS STEEL
ID (in.) 5.0 OD (in.) 5.56
SLOT SIZE 0.20
JOINT TYPE WELDED

BOTTOM OF WELL CASING 849.8 (ft bgs)

BOTTOM OF BORING 910.4 (ft bgs)



ELEVATION (ft amsl)

WELL CASING	TBD
PROTECTIVE CASING	TBD
GROUND SURFACE	TBD
MONUMENT MARKER	TBD

WELL COMPLETION BEGAN
DATE 11/8/2011 TIME 17:42

WELL COMPLETION FINISHED
DATE 11/16/2011 TIME 11:00

WELL DEVELOPMENT BEGAN
DATE 11/17/2011
TIME 12:15

WELL DEVELOPMENT FINISHED
DATE IN PROGRESS
TIME _____

DEVELOPMENT METHOD

SWABBING BAILING
 PUMPING

TOTAL PURGE VOLUME
TBD gal.

FINAL PARAMETERS

pH _____ TBD
TEMPERATURE (°C) _____ TBD
SPECIFIC CONDUCTANCE (µS/cm) _____ TBD
TURBIDITY (NTU) _____ TBD

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DATA AS OF 12/12/2011



PROJECT NO.	120764
DRAWN:	12/6/2011
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R-66 WELL CONSTRUCTION DIAGRAM (AS BUILT)	
TA-21 LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO	
ORIGINATOR: C. VALLEJO	DRAWING CATEGORY: 2
APPROVED BY: B. EVERETT	