

Location: In Pajarito Canyon, south of TA-54, along the north side of Pajarito Rd.

Survey coordinates (brass marker in NW corner of R-32 cement pad):
 x: 1640798 E y: 1757730 N (NAD 83)
 z: 6637.6 ft asl (NGVD 29)

Drilling: air rotary core w/ wireline retrieval, conventional mud drilling.
 R-32 Start date: 07/13/02.
 R-32 End date: 08/7/02.

Borehole R-32 drilled to 1008 ft. bgs. (T.D.).

Data collection:

Hydrologic properties: Field hydraulic test: Constant Rate Injection Test on screen #1 and screen #3

Cores/cuttings submitted for geochemical and contaminant characterization: (13)

Groundwater samples submitted for geochem and contaminant characterization: (3)

Geologic properties: (7)
 Mineralogy, petrography, and chemistry.

Borehole logs from R-32:

- Lithologic: 0-915.5 ft.
- Caliper (LANL): 0-1008 ft.
- Video (LANL tool): 0-720 ft.
- Natural gamma + Induction (LANL tool): 0-808 ft. and 0-1008 ft.
- Schlumberger Logs: 0-54.5 ft. (cased), 54.5-808 ft. (open hole); Epithermal Neutron, Litho density, Induction, Combinable Magnetic Resonance, Elemental Capture, Spectral Gamma.

Contaminants Detected in R-32 Water Samples: none

Well construction:

- Drilling Completed: 08/07/02
- Contract Geophysics: 07/31/02
- Well Constructed: 08/09/02 - 08/12/02
- Well Developed: 8/18/02 - 11/10/02
- Westbay Installed: 11/11/02 - 11/17/02

Casing: 4.5-in I.D. stainless steel with external couplings.

Number of Screens: 3
 4.5-in I.D. pipe based, s.s. wire-wrapped with 0.010-in slots.

Screen (perforated pipe interval):

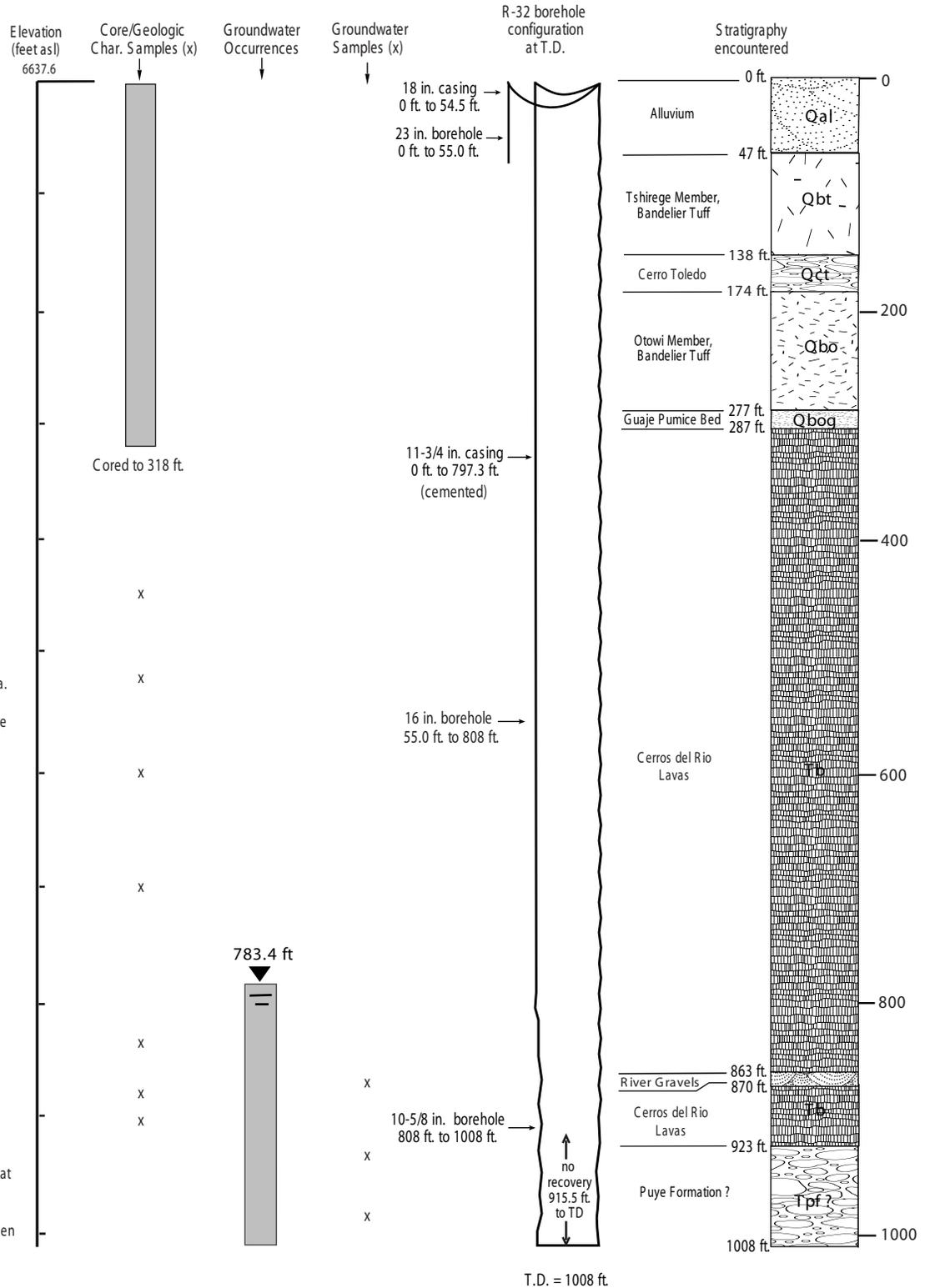
- Screen #1 - 867.5 - 875.2 ft. bgs.
- Screen #2 - 931.8 - 934.9 ft. bgs.
- Screen #3 - 972.9 - 980.6 ft. bgs.

Well development consisted of wire brushing, bailing, chemical treatments, surging, and pumping.

Static water level measured on November 11, 2002, at 783.4 ft in completed and developed well.

Groundwater samples collected from packed off screen intervals after well development.

Geologic contacts for R-32 were determined by examination of cuttings and interpretation of geophysical logs. Contacts may be refined by petrographic, geochemical, or mineralogic analysis of geologic samples.



T.D. = 1008 ft.