Borehole 9-MW-2

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Log of Borehole

Project	Vandenberg	8" Hole Depth	39 feet		START / FINISH
Location	Site 89 SLC 4W	12" Hole Depth	25 feet	Date	5/28/87 / 5/28/87
Geologic Log by	Dyer	Depth to Water	17 feet	Time	1115 / 1242
Driller	Fred Carey (Baylik)	Rig	CME 55 ATV	How Left	Locked, above-ground well completion.
Drilling Method	Hollow-stem Auger	Bit(s)	Finger-tooth Auger Bit		
Weather	Partly Cloudy, Warm	TOC Elevation	305.6 feet		

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample #	Sample Interval	Lith. Symbol	Geologic and Hydrologic Description	% Core Recovery
0								
5	1,2,3	0.0			4-5½		4'-5½': Silty sand (90% sand), fine- to coarse-grained, well sorted, quartz, subrounded, loose, dry, very dark grayish brown (10YR 3/2). (SM/SP)	90%
10	2,3,4	0.0	0.0		9-10½		9'-10½': Same as above. (SM/SP)	100%
15	2,2,3	0.0	0.0	5437	14-15½		14'-15½': Silty sand (85% sand), coarse grained, well sorted, quartz, subrounded, loose, saturated, pale brown (10YR 4/3). (SM)	80%
20	2,7,10	0.0		5438	19-20½		19'-20½': Gravelly silty sand (85% sand), coarse grained, well sorted, quartz, subrounded, loose, saturated, brown (10YR 4/3), minor subangular pebbles of light brown chert. (SW)	80%
							24'-25½': Same as above except grayish brown (10YR 5/2). (SW)	
25	5, 10/12"	0.0	0.0		24-25½		29'-30½': Clayey silty sand (80% sand), coarse grained, well sorted, quartz, subrounded, loose, saturated, dark gray (10YR 4/1), minor pebbles of chert. (SC)	100%
30	3,3,3	0.1	0.0	5439	29-30½		34'-34½': Silty sand (90%), fine- to medium-grained, well sorted, quartz, subrounded, loose, saturated, (10YR 4/1). (SM/SP)	90%
					33½		34½'-35': Sandy clay (weathered diatomite, olive gray (5Y 5/2). (CL)	
35	3,3,5	0.0	0.0		34-35		39': No sample taken.	

OVA background 2.2ppm