Borehole 19-MW-2

Log of Borehole

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Project	Vandenberg	8" Hole Depth	NA		START / FINISH
Location	Site #19 MW36D NASA	12" Hole Depth	30 feet	Date	3/24/87 / 3/24/87
Geologic Log by	Moore	Depth to Water	11.3 feet	Time	1243 / 1403
Driller	Fred Carey (Beylik)	Rig	Mobil Drill B-61	How Left	Locked, above-ground well completion.
Drilling Method	Hollow-stem Auger	Bit(s)	Finger-tooth Auger Bit		
Weather	Clear, Very Windy	TOC Elevation	31.6 feet		

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample #	Sample Interval	Lith. Symbol	Geologic and Hydrologic Description	% Core Recovery
0								
5	6, 7, 10	0.0	0.0		4-5½		4'-5½': Silty sand, very fine grained, (80% sand mixed with silt), poorly sorted, subangular, predominately quartz with k-spar and mafics, medium dense, dry, dark yellowish brown (10YR 4/4). (SM)	80%
				5224				
10	5, 5, 8	0.2	0.0	5225	9-10½		9'-10½': Silty clay, medium plasticity, stiff, slightly moist, very dark grayish brown (10YR 3/2). (CL)	90%
15	5, 6, 7	0.0	0.0	5226	14-15½		14'-15½': Same as above. (CL)	100%
							15½'-15½': Sand (98%), medium grained, well sorted, predominately quartz with minor k-spar, garnet, saturated, olive brown (2.5Y 4/4). (SP)	
20	5, 8, 12	0.0	0.0	5227	19-20½		19'-20½': Silty sand (80% sand), very fine grained, moderately well sorted, subangular, predominately quartz, k-spar, mafics, saturated, olive brown (2.5Y 4/4). (SM)	50%
25		0.2	0.0		24-25½		24'-25½': Silty sand, same as above, very poor sample recovery. (SM)	10%
30							30': TD.	

OVA background 2.6ppm