Log of Borehole

Project	Vandenberg	8" Hole Depth	63 feet		START / FINISH
Location	Site 8 SLC-4E	12" Hole Depth	26 feet	Date	5/30/87 / 5/30/87
Geologic Log by	Charles	Depth to Water	18.8 feet	Time	0750 / 1335
Driller	Fred Carey (Beylik)	Rig	CME 55 ATV	How Left	Locked, above-ground well completion.
Drilling Method	Hollow-stem Auger	Bit(s)	Finger-tooth Auger Bit		
Weather	Cloudy, 50°	Ground Elevation	430.3 feet		

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample #	Sample Interval	Lith. Symbol	Geologic and Hydrologic Description	% Core Recovery
0								
5	3,3,3	0.0			3-4½		3'-4½': Silty sand (50% sand), moderately compact, dry, very fine grained, olive green (2.5Y 5/4). (SM)	60%
10	4,7,7	1.0	0.0		8-9½		8'-9½': Sand, AA/grading, well sorted, quartz, subrounded, slightly moist, olive yellow (2.5Y 8/8). (SM)	40%
15	1/3/3	0.2	0.0		12½-14		12½'-14': Sand, clayey, (50% sand), medium grained, poorly sorted, subrounded, moist, very dark gray (2.5Y N3/0), organic. (SC)	100%
20	1/2/2	0.4	0.0		17½-19		17½'-19': Silty sand (80% sand), medium grained, moderately sorted, quartz, organic material, subrounded, very loose, saturated, very dark gray (2.5Y 3/0), some clay. (SM)	100%
25	7/10/12	0.4	1.8	5444	22½-24		22½'-24': Sand (90% sand), medium- to coarse-grained, quartz, rounded, medium dense, saturated, very dark grayish brown (2.5Y N3/2), 5% feldspar. (SP)	100%
30	1,3,4	.2	1.4		27½-29		27½'-29': Sand (95% sand), medium- to coarse-grained, moderately sorted, quartz, rounded, loose, saturated, very dark grayish brown (2.5Y N3/2), mottled with iron staining, thin coarse grained layer, clean. (SP)	100%
35	4,7,10	0.8	0.1	5445	32½-34			70%

OVA background 2.0ppm

Borehole 8-MW-2

Log of Borehole

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Geologic Log by	Charles	Depth to Water	18.8 feet	Time 0750 / 1335
Driller	Fred Carey (Beylik)	Rig	CME 55 ATV	How Left: Locked, above-ground well completion.
Drilling Method	Hollow-stem Auger	Bit(s)	Finger-tooth Auger Bit	
Weather	Cloudy, 50°	Ground Elevation	430.3 feet	

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample #	Sample Interval	Lith. Symbol	Geologic and Hydrologic Description	% Core Recovery
35							32½'-34': Silty sand (90% sand), medium grained, well sorted sand, quartz, subrounded, medium dense, saturated, gray (2.5Y 5/0), 3" coarse grained clean sand. (SP)	
40	3/10/10	0.2	1.2		37½-39		37½'-38': Sand (95% sand), medium grained, well sorted, quartz, subrounded, medium dense, saturated, light brownish gray (2.5Y N6/2), green clay fragments, trace heavy minerals. (SP)	100%
45	2,6,7	16.0	0.7	5445	42½-44		38'-39': Silty sand (90% sand), same as above except very dark grayish brown (2.5Y N3/2). (SP)	60%
50	3,3,4	1.4	0.2		47½-49		42½'-44': Silty sand (90%), medium grained, well sorted, quartz, subrounded, medium dense, saturated, very dark grayish brown (2.5Y N3/2), SM, ¼" clay seams, very dark gray, rotten smell, black wood fragments. (SP)	100%
55	6,10,10	0.7	1.0	5447	52½-54		47½'-49': Sand same as above except with brown wood fragments, 5% diatomite pebbles, rotten odor. (SP)	90%
60							52½'-54': Sand same as above except trace brown wood fragments, more dark gray clay, 5% diatomite pebbles. (SP)	
65			0.1				58'-63': Clay (90% clay), plastic, gray (5Y 5/1), pebbles less than 5%. (CH)	