SOIL BORING LOG/VANDENBERG AFB

BORING NO 24-MW-4B

FLD GEOLOGIST	Mike Anderson	COORD N	2100426 94
EDITED BY	Mike Anderson	COORD E	5800836 79
CHKED By	Patti Costa	ELEVATION	460 40
TOTAL DEPTH	86.00	REFERENCE DATUM	above MSL
DATE BEGAN	09/12/96	DRILLING METHOD	Hollow Stem Auger
DATE FINISHED	09/12/96	SAMPLING METHOD	NA
		BOREHOLE DIAMETER	8.00

Depth in Feet	Sample Number	Time Sampled	PID ppm	Percent Recovery	Sample Interval	Blow Counts	USCS Symbol	Profile	DESCRIPTION
0							SP		SAND 2 5Y 6/3 light yellowish brown, fine grained with some medium grained, subrounded, trace fines, moist
5									
10									
15									
20									
25									
30									
							SC		CLAYEY SAND 2 5Y 4/3 olive brown, fine to medium grained, moist (Saturated at 35 ft)
35									Same as above with 15% medium gravel 2 5Y 7/2 light gray, hard, laminated, wet
40									

DRILLING Co Layne Environmental Services, Inc

LOCATION Site 24 Entomology Wash Rack

PROJECT No 01G46400

CLIENT AFCEE

JACOBS ENGINEERING GROUP, INC
PASADENA, CALIFORNIA

SOIL BORING LOG/VANDENBERG AFB

BORING NO 24-MW-4B

FLD GEOLOGIST	Mike Anderson	COORD: N.	2100426.94
EDITED BY:	Mike Anderson	COORD: E.:	5800836.79
CHKED By:	Patti Costa	ELEVATION	460.40
TOTAL DEPTH	86.00	REFERENCE DATUM:	above MSL
DATE BEGAN:	09/12/96	DRILLING METHOD:	Hollow Stem Auger
DATE FINISHED:	09/12/96	SAMPLING METHOD	Split Spoon
		BOREHOLE DIAMETER:	8.00

Depth in Feet	Sample Number	Time Sampled	PID ppm	Percent Recovery	Sample Interval	Blow Counts	USCS Symbol	Profile	DESCRIPTION
40									Same as above.
45									
							SW		SAND: 10Y 7/3 very pale brown, fine to coarse grained, trace clay, wet, dense.
50	24-GT-3								
55									
60							CL		GRAVELLY CLAY: 10YR 6/1 gray, with medium gravel, medium plasticity, slightly moist
							SW		SAND: 10YR 5/2 grayish brown, fine to coarse grained, slightly moist
65									
70									Same as above, with gravel
75									
80									

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ION Site 24 Entomology Wash Rack

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BORING NO 24-MW-4B

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TOTAL DEPTH	86.00	REFERENCE DATUM:	above MSL
DATE BEGAN:	09/12/96	DRILLING METHOD:	Hollow Stem Auger
DATE FINISHED:	09/12/96	SAMPLING METHOD:	Split Spoon
		BOREHOLE DIAMETER:	8.00

Depth in Feet	Sample Number	Time Sampled	PID ppm	Percent Recovery	Sample Interval	Blow Counts	USCS Symbol	Profile	DESCRIPTION
80									Same as above, saturated at 81 ft. bgs.
85							RX		ROCK 5YR 3/3 dark reddish brown laminated shale, dry
									TD = 86.0 ft. bgs. Groundwater encountered at 81.9 ft bgs. Re-drilled with 12.0 inch auger to 87 ft. bgs. Completed as monitoring well See Well Completion Diagram.
90									
95									Remarks Hand augered to 7 ft. bgs Geotechnical sample collected at 50 ft. bgs. (24-GT-3).
100									
105									
110									
115									
120									

REGISTERED PROFESSIONAL ENGINEER
PATTI KAYE COSTA
No. C 044508
Exp. 3/31/98
CIVIL
STATE OF CALIFORNIA

DRILLING Co Layne Environmental Services, Inc
LOCATION Site 24: Entomology Wash Rack
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