SOIL BORING LOG/VANDENBERG AFB

BORING NO 24-MW-3B

FLD GEOLOGIST	Mike Anderson	COORD: N	2100444.75
EDITED BY:	Mike Anderson	COORD: E	5801495.48
CHKED By:	Patti Costa	ELEVATION	458.07
TOTAL DEPTH	105.00	REFERENCE DATUM:	above MSL
DATE BEGAN:	09/13/96	DRILLING METHOD:	Hollow Stem Auger
DATE FINISHED:	09/13/96	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							GP		SANDY GRAVEL: 5YR 8/1 white, medium to coarse gravel, hard, laminated, with sand 10YR 8/4 very pale brown, fine to medium, dry, dense
5							SP		SAND: 10R 8/4 very pale brown, fine to medium grained with trace fines, slightly moist
10									
15									
20									
25									
30							CL		SANDY CLAY 10YR 5/1 gray, low to medium plasticity, with fine to medium sand, moist, slightly moist, saturated at 33 ft to 35 ft
35									
40									

DRILLING Co Layne Environmental Services, Inc

LOCATION Site 24 Entomology Wash Rack

PROJECT No 01646400

CLIENT AFCEE

JACOBS ENGINEERING GROUP INC
PASADENA, CALIFORNIA

SOIL BORING LOG/VANDENBERG AFB

BORING NO 24-MW-3B

FLD GEOLOGIST	Mike Anderson	COORD N	2100444 75
EDITED BY	Mike Anderson	COORD E	5801495 48
CHKED By	Patti Costa	ELEVATION	458 07
TOTAL DEPTH	105 00	REFERENCE DATUM	above MSL
DATE BEGAN	09/13/96	DRILLING METHOD	Hollow Stem Auger
DATE FINISHED	09/13/96	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
40							SC		CLAYEY SAND. 5YR 4/2 olive gray, medium grained with approximately 30% clay, slightly moist, low plasticity, dense.
45									
50									
55									
60									
65									
70									
75							SP		SAND 7 5YR 5/2 brown, fine grained, subrounded., moist Saturated from 65 ft to TD
80									

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-3B

FLD GEOLOGIST	Mike Anderson	COORD: N.	2100444.75
EDITED BY:	Mike Anderson	COORD: E.	5801495.48
CHKED By.	Patti Costa	ELEVATION	458.07
TOTAL DEPTH	105.00	REFERENCE DATUM:	above MSL
DATE BEGAN:	09/13/96	DRILLING METHOD:	Hollow Stem Auger
DATE FINISHED:	09/13/96	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.
85									
90									
95									
100									
105									TD = 105 ft. bgs Groundwater encountered at 65 ft bgs. Re-drilled with 12.0 inch auger to 82 ft. bgs. Boring completed as monitoring well. See Well Completion Diagram.
110									Remarks: Hand-augered to 4.5 ft. - refusal.
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

PROJECT No 01646400

CLIENT AFCEE

JACOBS ENGINEERING GROUP, INC
PASADENA, CALIFORNIA