# LOG OF BORING 50-MW-1

Jacobs Engineering Group Inc.

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| Project Name: | REMEDIAL INVESTIGATION, VANDENBERG AFB IRP: OU-1, Site 50, Bionetics Bldg. | | |
| Project Number: | 05G10600 | Borehole Number: | 50-MW-1 |
| Sheet | 1 of 1 | | |
| Borehole Location: | N 2095247.45; E 5800783.52 | Elevation and Datum: | 439.85 feet, Mean Sea Level |
| Drilling Contractor: | S/G Testing Laboratories, Inc. | Date Started: | 11/3/92 |
| Date Finished: | 11/4/92 | | |
| Drilling Equipment: | CME-75 | Total Depth(feet): | 26.0 |
| Depth to Groundwater(feet): | 14.50 | | |
| Drilling Method: | Hollow Stem Auger | Borehole Diameter: | 12 inches |
| Driller: | Anthony Simones | Monitoring Well: Total Depth(ft): | 22.5 |
| As-Built In Figure: | | | |
| Hammer Information: | Automatic Hammer: 140-lb and 30-inch drop | Logged By: | Adnan Siddiqui |
| Checked By: | Hank Jong | | |

| Depth (feet) | Lithologic Description | Symbol | USCS Classification | Sample | Sample Number | Blow Counts | Field OVA Reading (ppm) 0 50 100 | Remarks |
|---|---|---|---|---|---|---|---|---|
| | 437.75 | | | | | | | |
| | SAND, olive brown (3.5 Y 4/4), dry, very dense, fine to medium grained. | | SP | | A000132 | 18<br>41<br>50/4" | | Roots in top 6". |
| 5 | CLAY, olive brown (2.5 Y 4/3), slightly moist, stiff, high plasticity, oxidized stains. | | CH | | A000133 | 6<br>11<br>14 | | |
| 10 | SILTY CLAY, olive (5 Y 5/3), slightly moist to moist, stiff, low plasticity, with 10 to 20% very fine sand. | | CL | | A000134 | 11<br>11<br>14 | | |
| 15 | Same as above, pale olive (5 Y 6/3), wet, very micaceous. | | | | A000135 | 2<br>5<br>11 | | |
| 20 | Same as above, olive (5 Y 5/4), slightly moist, very stiff, oxidized stains. | | CL | | | 12<br>19<br>18 | | |
| 25 | Same as above, dark greenish gray (5 G 4/1). 412.75 | | | | | | | |
| | SILTY SAND, greenish gray (5 G 6/1), slightly moist to moist, dense, fine to medium grained, little fines. | | SP-SM | | | 12<br>14<br>37 | | |

End of boring at 26.0' below ground surface.
Borehole was backfilled to 22.5' with bentonite chips and a well was constructed.