

SOIL BORING LOG

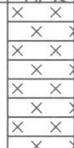
CAMP STANLEY STORAGE ACTIVITY

| | | | |
|---------------------------------------|--|---|--|
| SITE LOCATION: AOC 65 | | BORING NUMBER: AOC65-SB11 | |
| CLIENT: CAMP STANLEY STORAGE ACTIVITY | | CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC. | |
| PROJECT: D05084 | | DRILLING CONTRACTOR: Jedi | |
| LOGGED BY: Melissa Nugent | | REF. LOGBOOK: 738290.02 | |
| BORING DEPTH (ft-BGL): 35 | | DRILLER: Eric Jones | |
| BORING ELEVATION (ft-MSL): | | DRILLING RIG: Mobile B-61 | |
| EAST COORDINATE: | | DRILLING METHOD: Air Core | |
| NORTH COORDINATE: | | SAMPLING METHOD: Split Spoon | |
| BEGIN DRILLING: 03/27/01 | | END DRILLING: 03/27/01 | |

| DEPTH (feet) | SAMPLE RECOVERY | ANALYTICAL SAMPLE | PTD (ppm) | LITHOLOGIC DESCRIPTION | GRAPHIC LOG | COMMENTS |
|--------------|-----------------|-------------------|-----------|--|-------------|---|
| | | | | ASPHALT. | | |
| | | | 2.0 | | | |
| | | | 3.1 | FILL, clayey, slightly moist, 7.5YR 5/8, strong brown, no clasts. | | |
| 1 | 1/1.7 | | 10.4 | | | |
| | | | 2.1 | | | Sample: AOC65-SB11 (1.5-2') |
| 2 | | | 7.8 | FILL, 2.5Y 8/4, pale yellow, slightly moist, non-plastic, sandy, few limestone clasts (angular). | | |
| | 1.7/2 | | 8.2 | | | |
| | | | 2.1 | FILL, 2.5Y 8/3, pale yellow, sandy, dry, Iron Oxide staining. | | |
| 4 | | | | No recovery. | | Begin air coring. |
| | 0/1 | | | | | |
| | | | 0.8 | LIMESTONE (PACKSTONE), 2.5Y 8/2, pale yellow, sandy limestone, massive (lightly laminated) packstone, dry, hard. | | |
| 6 | | | | Clayey zone, more weathered but some color. | | |
| | | | 57 | | | |
| | 4/5 | | 110 | | | Sample: AOC65-SB11 (8-8.5') |
| 8 | | | 212 | | | Samples analyzed for VOC's, SVOC's, metals, PCB's, and TPH. |
| | | | 2.1 | | | |
| | | | 0.3 | Sharp contact (erosional surface) at 11.6'. | | |
| 12 | 4.6/5 | | 1.2 | LIMESTONE (PACKSTONE), GLEY 1/8/1, white limestone with mud laminae and worm burrows, hard, dry packstone. | | |
| | | | 1.5 | | | |
| | | | 4.3 | | | |
| 14 | | | | | | |

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|--------------|-----------------|-------------------|-----------|---|------------------|----------|
| 4.6/5 | | | 4.3 | | | |
| 16 | | | | | | |
| 5/5 | | | 0 | | | |
| 18 | | | | Erosional surface @ 18'. | | |
| | | | | Vug ~1cm diameter, round. | | |
| 20 | | | | | | |
| | | | | LIMESTONE, same to 23.5' but grades to softer, more weathered, more massive (less laminae). Then abrupt contact 23.5 to end, 2.5Y 8/1, white limestone, highly laminated (mud laminae up to 1 cm thick), hard, dry. | | |
| 22 | | | | | | |
| 4.8/5 | | | | | | |
| 24 | | | | Dark grey clay-rich limestone, <0.2', missing core from here. | | |
| | | | | LIMESTONE, same as above but grades to more mud laminae. | | |
| 26 | | | | | | |
| 3/5 | | | | | | |
| 28 | | | | | | |

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| DEPTH (feet) | SAMPLE RECOVERY | ANALYTICAL SAMPLE | PID (ppm) | LITHOLOGIC DESCRIPTION | USCS | GRAPHIC LOG | COMMENTS |
| 30 | 3/5 | | | VOID. | | | Drillers state they encountered a void from 28-30.2'. |
| 30 | | | | LIMESTONE, same as above. | |  | |
| 32 | | | | LIMESTONE, weathered, clayey, marly, 2.5Y 8/6, yellow. | |  | |
| 34 | 4.7/5 | | | LIMESTONE, 2.5Y 8/1, white, dry, limestone mud laminae, grades to laminated limestone, GLEY 1/7/N, gray. | |  | |
| 34 | | | | LIMESTONE, GLEY 1/4/N, very dark gray, slightly moist, shaley, massive. | |  | |
| 36 | | | | TOTAL DEPTH = 35 FEET | | | |
| 38 | | | | | | | |
| 40 | | | | | | | |
| 42 | | | | | | | |