

**SOIL BORING LOG**

**CAMP STANLEY STORAGE ACTIVITY**

|                                       |  |
|---------------------------------------|--|
| SITE LOCATION: B26                    | BORING NUMBER: B26-SB1                         |
| CLIENT: CAMP STANLEY STORAGE ACTIVITY | CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.  |
| PROJECT: SWMU CLOSURE                 | DRILLING CONTRACTOR: CORE TERRA, INC.          |
| LOGGED BY: S. PEARSON                 | REF. LOGBOOK: 735903                           |
| BORING DEPTH (ft-BGL): 13.2           | DRILLER: JIMMY MORENO                          |
| BORING ELEVATION (ft-MSL): NA         | DRILLING RIG: MOBILE B-53                      |
| EAST COORDINATE:                      | DRILLING METHOD: AIR ROTARY                    |
| NORTH COORDINATE:                     | SAMPLING METHOD: 2' SPLIT SPOON/5' CORE BARREL |
| BEGIN DRILLING: 09/04/96 (1400)       | END DRILLING: 09/04/96 (1530)                  |

| DEPTH (feet) | SAMPLE RECOVERY | ANALYTICAL SAMPLE | PTD (ppm) | LITHOLOGIC DESCRIPTION   | USCS GRAPHIC LOG | COMMENTS  |
|--------------|-----------------|-------------------|-----------|--|------------------|---|
| 0 - 2        | 1.7/3           |                   | 0         | CLAY, some silt & fine-grained sand, trace of fine gravel, dark brown (10YR 3/3), root material, slightly plastic, medium stiff, damp. | CL               | Hollow-stem auger and split spoon sampling to 3'. |
| 2 - 4        |                 |                   |           | LIMESTONE, highly weathered, some clay.  |                  | Air core 3-13.2'.<br>Little recovery.             |
| 4 - 6        | 2.1/5           |                   |           | LIMESTONE (wackestone), pale yellow (2.5Y 8/2), bioturbation, large burrow tubes at 7' (1.4") through entire core, massive, dry.       |                  |   |
| 6 - 8        |                 |                   |           | LIMESTONE, as above.   |                  |   |
| 8 - 12       | 3.2/5.2         |                   |           | LIMESTONE (wackestone), gray (2.5Y 6/1), massive, dry.   |                  |   |
| 12 - 13.2    |                 |                   |           | Total depth = 13.2 feet.   |                  |   |

\* Analytical samples were taken in March 2000 due to problems associated with ITS Laboratory.

**SOIL BORING LOG**

**CAMP STANLEY STORAGE ACTIVITY**

|                                       |  |
|---------------------------------------|--|
| SITE LOCATION: B28                    | BORING NUMBER: B26-SB2                         |
| CLIENT: CAMP STANLEY STORAGE ACTIVITY | CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.  |
| PROJECT: SWMU CLOSURE                 | DRILLING CONTRACTOR: CORE TERRA, INC.          |
| LOGGED BY: S. PEARSON                 | REF. LOGBOOK: 735903                           |
| BORING DEPTH (ft-BGL): 10             | DRILLER: JIMMY MORENO                          |
| BORING ELEVATION (ft-MSL): NA         | DRILLING RIG: MOBILE B-51                      |
| EAST COORDINATE:                      | DRILLING METHOD: AIR ROTARY                    |
| NORTH COORDINATE:                     | SAMPLING METHOD: 2' SPLIT SPOON/5' CORE BARREL |
| BEGIN DRILLING: 09/04/96 (1600)       | END DRILLING: 09/04/96 (1700)                  |

| DEPTH (feet) | SAMPLE RECOVERY | ANALYTICAL SAMPLE | PID (ppm) | LITHOLOGIC DESCRIPTION   | GRAPHIC LOG | COMMENTS  |
|--------------|-----------------|-------------------|-----------|--|-------------|---|
| 0            | 1/1             | X                 | 0         | FILL/CLAY/SILT, very dark grayish brown (10YR 3/2), soft to loose, slightly plastic to non-plastic, plant & root material, wood, trash, trace of caliche, damp.                |             | Hollow-stem auger and split spoon sampling to 3'. |
| 2            | 1.8/2           |                   |           |  |             |   |
| 4            |                 | X                 | 6.5       | LIMESTONE, weathered, massive, pale yellow (2.5Y 8/3), Fe staining, burrow holes, a few small pelecypods (< 1/2" diam.), dry.  | ML          | Air core 3-10'.                                   |
| 6            | 2.8/4           |                   |           | LIMESTONE (wackestone/grainstone), pale yellow (2.5Y 8/2), massive, some iron staining and caliche infilling, cuttings indicate weathered zones, interbedded clay layer at 7'. |             |   |
| 8            |                 |                   |           | LIMESTONE (wackestone), pale yellow (2.5Y 8/4), massive, no fossils evident.   |             |   |
| 10           | 1.9/3           | X                 | 0         | LIMESTONE (wackestone), gray (5Y 6/1), massive.  |             |   |
| 10           |                 |                   |           | Total depth = 10 feet.   |             |   |
| 12           |                 |                   |           |  |             |   |
| 14           |                 |                   |           |  |             |   |
| 16           |                 |                   |           |  |             |   |
| 18           |                 |                   |           |  |             |   |

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**CAMP STANLEY STORAGE ACTIVITY**

|                                       |  |  |  |
|---------------------------------------|--|--|--|
| SITE LOCATION: B26                    |  | BORING NUMBER: B26-SB3                         |  |
| CLIENT: CAMP STANLEY STORAGE ACTIVITY |  | CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.  |  |
| PROJECT: SWMU CLOSURE                 |  | DRILLING CONTRACTOR: CORE TERRA, INC.          |  |
| LOGGED BY: S. PEARSON                 |  | REF. LOGBOOK: 735903                           |  |
| BORING DEPTH (ft-BGL): 13             |  | DRILLER: JIMMY MORENO                          |  |
| BORING ELEVATION (ft-MSL): NA         |  | DRILLING RIG: MOBILE B-51                      |  |
| EAST COORDINATE: 538657               |  | DRILLING METHOD: AIR ROTARY                    |  |
| NORTH COORDINATE: 3286101             |  | SAMPLING METHOD: 2' SPLIT SPOON/5' CORE BARREL |  |
| BEGIN DRILLING: 09/04/96 (1030)       |  | END DRILLING: 09/04/96 (1230)                  |  |

| DEPTH (feet)  | SAMPLE RECOVERY | ANALYTICAL SAMPLE | PTD (Depth) | LITHOLOGIC DESCRIPTION  | GRAPHIC LOG | COMMENTS  |
|---------------|-----------------|-------------------|-------------|---|-------------|---|
| 0 - 1.4/3     |                 |                   | 0           | CLAY, little silt & trace of sand, very dark grayish brown (10YR 3/2), medium stiff, plastic, root material, moist at surface, dry at 3' and stiff.                         |             | Hollow-stem auger and split-spoon sampling to 4'. |
| 1.4 - 1.5/1.5 |                 |                   | 0           | CLAY, as above, stiff, plastic, trace of fine limestone gravel.   |             | Air core 4-13'.                                   |
| 1.5 - 1.5/1.5 |                 |                   | 0           | MARLY CLAY/LIMESTONE GRAVEL, very pale brown (10YR 8/2), brittle, dry.  |             |   |
| 1.5 - 3/5     |                 |                   | 0           | LIMESTONE (wackestone), pale yellow (2.5Y 8/2), massive, dry, forams, not enough representative core to sample.   |             |   |
| 3 - 1.5/2     |                 |                   | 0           | As above, massive, dry, fractured at ~8', pale yellow (2.5Y 8/3) Fe staining, calcite in-filling, dendrites, dry in fractures, some shell fragments.                        |             |   |
| 1.5 - 12      |                 |                   | 0           | MARLY LIMESTONE, clayey fractures, some silt-sized grains, pale yellow (2.5Y 7/4), soft to medium stiff, slightly plastic, moist to wet. Moisture appears at approx. 12 ft. |             |   |
|               |                 |                   |             | Total depth = 13 feet.  |             |   |

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