

**U.S. ARMY CORPS OF ENGINEERS**

BEM

|             |    |            |                                 |                                                                                                       |               |              |                        |                                  |
|-------------|----|------------|---------------------------------|-------------------------------------------------------------------------------------------------------|---------------|--------------|------------------------|----------------------------------|
| DEPTH, FEET |    | SAMPLE NO. | PEN./TORVANE<br>SPT.-BLOW COUNT | BORING NO. <u>9128</u> DATE: BEGIN <u>03-13-91</u> PAGE <u>112</u>                                    |               |              |                        |                                  |
|             |    |            |                                 | JOB NO. <u>146446</u> COMPLETE <u>03-13-91</u> Thin Walled Tube                                       |               |              |                        |                                  |
|             |    |            |                                 | PROJECT <u>CHANNEL TO VICTORIA</u> <input checked="" type="checkbox"/> 3" <input type="checkbox"/> 6" |               |              |                        |                                  |
|             |    |            |                                 | LOCATION <u>VICTORIA CHANNEL</u>                                                                      |               |              |                        |                                  |
|             |    |            |                                 | ELEVATION OF HOLE _____                                                                               |               |              |                        |                                  |
|             |    |            |                                 | MANUFACTURER'S DESIGNATION OF DRILL RIG <u>F-36</u>                                                   |               |              |                        |                                  |
|             |    |            |                                 | GROUNDWATER: DEPTH <u>5</u> ft., ELEV. _____ ft., at end of Drilling                                  |               |              |                        |                                  |
|             |    |            |                                 | WEATHER <u>PARTLY CLOUDY + SUNNY</u>                                                                  |               |              |                        |                                  |
|             |    |            |                                 | DRILLER <u>Robert Jambury</u> LOGGER <u>John A. Haly</u>                                              |               |              |                        |                                  |
|             |    |            |                                 | COLOR                                                                                                 | MATERIAL TYPE | CONSISTENCY  | SECONDARY CONSTITUENTS | STRUCTURAL FEATURES AND COMMENTS |
| 0           |    |            |                                 |                                                                                                       |               |              |                        |                                  |
|             | 1  | 4.0        |                                 | GRAY                                                                                                  | CLAY          | VERY STIFF   |                        | -w/ ROOTS 0'-2'                  |
|             | 2  | 4.0        |                                 | "                                                                                                     | "             | "            |                        |                                  |
| 5           | 3  | 1.5        |                                 | LIGHT GRAY                                                                                            | CLAY          | STIFF        | SANDY                  | *TAN                             |
|             | 4  | 1.5        |                                 | "                                                                                                     | "             | "            | "                      | -w/ SAND LAYERS 6'-8'            |
|             | 5  | 2.0        |                                 | GRAY                                                                                                  | CLAY          | STIFF        |                        |                                  |
| 10          | 6  | 1.75       |                                 | "                                                                                                     | "             | STIFF        |                        |                                  |
|             | 7  | 1.75       |                                 | "                                                                                                     | "             | "            |                        |                                  |
| 15          | 8  | 1.0        |                                 | "                                                                                                     | "             | STIFF        |                        | -w/ SAND CLAY LAYER 15'-16'      |
|             | 9  | 1.0        |                                 | "                                                                                                     | "             | "            |                        |                                  |
| 20          | 10 | 0.75       |                                 | GRAY*                                                                                                 | "             | MEDIUM STIFF |                        | *TAN                             |
|             | 11 | 0.75       |                                 | "                                                                                                     | "             | "            |                        |                                  |
|             | 12 | 2.2        |                                 | GRAY                                                                                                  | SAND          | LOOSE        |                        | -w/ SHEEL                        |
| 25          | 13 | 0.25       |                                 | GRAY                                                                                                  | CLAY          | SOFT         |                        | -w/ SAND SEAMS + LAYERS          |
|             | 14 | 0.25       |                                 | "                                                                                                     | "             | "            |                        | SHELL FRAGMENTS                  |
|             | 15 | 0.25       |                                 | "                                                                                                     | "             | "            |                        | 24-32'                           |
| 30          | 16 | 0.25       |                                 | "                                                                                                     | "             | "            |                        | -w/ WOOD 28'-31'                 |
|             | 17 | 0.75       |                                 | "                                                                                                     | "             | MEDIUM STIFF |                        | -w/ SAND SEAMS + LAYERS          |
| 35          | 18 | 1.25       |                                 | "                                                                                                     | "             | STIFF        |                        | BELOW 32'                        |

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|             |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |
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| DEPTH, FEET | SAMPLE | SAMPLE NO. | PEN./TORVANE<br>SPT.-BLOW COUNT | BORING NO. <u>91-28</u> DATE: BEGIN <u>03-13-91</u> PAGE <u>2 1 2</u>                                                              |               |                  |                        |                                  |
|             |        |            |                                 | JOB NO. <u>146446</u> COMPLETE <u>03-13-91</u> Thin Walled Tube <input checked="" type="checkbox"/> 3" <input type="checkbox"/> 6" |               |                  |                        |                                  |
|             |        |            |                                 | PROJECT <u>CHANNEL TO VICTORIA</u>                                                                                                 |               |                  |                        |                                  |
|             |        |            |                                 | LOCATION <u>VICTORIA CHANNEL</u>                                                                                                   |               |                  |                        |                                  |
|             |        |            |                                 | ELEVATION OF HOLE _____                                                                                                            |               |                  |                        |                                  |
|             |        |            |                                 | MANUFACTURER'S DESIGNATION OF DRILL RIG <u>F-36</u>                                                                                |               |                  |                        |                                  |
|             |        |            |                                 | GROUNDWATER: DEPTH <u>5</u> ft., ELEV. _____ ft., at end of Drilling                                                               |               |                  |                        |                                  |
|             |        |            |                                 | WEATHER <u>PARTLY CLOUDY &amp; SUNNY</u>                                                                                           |               |                  |                        |                                  |
|             |        |            |                                 | DRILLER <u>Robert Tankersley</u> LOGGER <u>John A. Bexton</u>                                                                      |               |                  |                        |                                  |
|             |        |            |                                 | COLOR                                                                                                                              | MATERIAL TYPE | CONSISTENCY      | SECONDARY CONSTITUENTS | STRUCTURAL FEATURES AND COMMENTS |
| 35          |        |            |                                 | GRAY                                                                                                                               | CLAY          | STIFF            |                        | -w/SAND SEAMS                    |
| 40          |        |            |                                 | GRAY                                                                                                                               | SAND          | <del>HEAVY</del> | GLAY                   |                                  |
|             |        |            |                                 |                                                                                                                                    |               |                  |                        | BOTTOM 9128                      |
| 45          |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |
| 50          |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |
| 55          |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |
| 60          |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |
| 65          |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |
| 70          |        |            |                                 |                                                                                                                                    |               |                  |                        |                                  |