

Boring Designation T08.5

| DRILLING LOG                                                                                                |  | DIVISION |  | INSTALLATION                                            |  | SHEET 1<br>OF 2 SHEETS                                                                    |  |
|-------------------------------------------------------------------------------------------------------------|--|----------|--|---------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|
| 1. PROJECT<br>Surfside<br>Brazoria County, Texas                                                            |  |          |  | 9. SIZE AND TYPE OF BIT<br>4.3 in.                      |  |                                                                                           |  |
| 2. BORING DESIGNATION<br>T08.5                                                                              |  |          |  | 10. COORDINATE SYSTEM/DATUM<br>UTM Zone 15              |  | HORIZONTAL<br>VERTICAL                                                                    |  |
| 3. DRILLING AGENCY<br>Texas General Land Office                                                             |  |          |  | 11. MANUFACTURER'S DESIGNATION OF DRILL<br>Rotary Drill |  | <input type="checkbox"/> AUTO HAMMER<br><input checked="" type="checkbox"/> MANUAL HAMMER |  |
| 4. NAME OF DRILLER<br>MDI                                                                                   |  |          |  | 12. TOTAL SAMPLES<br>13                                 |  | DISTURBED<br>UNDISTURBED (UD)                                                             |  |
| 5. DIRECTION OF BORING<br><input checked="" type="checkbox"/> VERTICAL<br><input type="checkbox"/> INCLINED |  |          |  | 13. TOTAL NUMBER CORE BOXES<br>0                        |  | 14. ELEVATION GROUND WATER                                                                |  |
| 6. THICKNESS OF OVERBURDEN<br>0.0 Ft.                                                                       |  |          |  | 15. DATE BORING<br>08-12-04                             |  | STARTED<br>COMPLETED<br>08-12-04                                                          |  |
| 7. DEPTH DRILLED INTO ROCK<br>0.0 Ft.                                                                       |  |          |  | 16. ELEVATION TOP OF BORING<br>0.0 Ft.                  |  | 17. TOTAL RECOVERY FOR BORING<br>31 Ft.                                                   |  |
| 8. TOTAL DEPTH OF BORING<br>31.0 Ft.                                                                        |  |          |  | 18. SIGNATURE AND TITLE OF INSPECTOR                    |  |                                                                                           |  |

  

| ELEV.<br>(ft) | DEPTH<br>(ft) | LEGEND | CLASSIFICATION OF MATERIALS<br>Depths and elevations based on measured values | %<br>REC. | REMARKS                              |
|---------------|---------------|--------|-------------------------------------------------------------------------------|-----------|--------------------------------------|
| 0.0           | 0.0           |        |                                                                               |           |                                      |
|               |               |        | Fine-grained, quartz, Sand, (SP).                                             |           | 1 Sample #1, Depth = 3.0' - 5.0'     |
|               |               |        |                                                                               |           | 2 Sample #2, Depth = 5.0' - 7.0'     |
|               |               |        |                                                                               |           | 3 Sample #3, Depth = 7.0' - 9.0'     |
|               |               |        |                                                                               |           | 4 Sample #4, Depth = 9.0' - 11.0'    |
|               |               |        |                                                                               |           | 5 Sample #5, Depth = 11.0' - 13.0'   |
| -13.0         | 13.0          |        | Medium-grained, organic-rich, shelly, Clay, gray, (CL).                       |           | 6 Sample #6, Depth = 13.0' - 15.0'   |
| -15.0         | 15.0          |        | Organic-rich, Clay, red, (CH).                                                |           | 7 Sample #7, Depth = 15.0' - 17.0'   |
|               |               |        |                                                                               |           | 8 Sample #8, Depth = 17.0' - 19.0'   |
|               |               |        |                                                                               |           | 9 Sample #9, Depth = 19.0' - 21.0'   |
|               |               |        |                                                                               |           | 10 Sample #10, Depth = 21.0' - 23.0' |
|               |               |        |                                                                               |           | 11                                   |

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(Continued)

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| DRILLING LOG (Cont. Sheet)    |               |                                                                                   | INSTALLATION                                                                  |           | SHEET 2<br>OF 2 SHEETS |                                   |
|-------------------------------|---------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------|------------------------|-----------------------------------|
| PROJECT                       |               |                                                                                   | COORDINATE SYSTEM/DATUM                                                       |           | HORIZONTAL             | VERTICAL                          |
| Surfside                      |               |                                                                                   | UTM Zone 15                                                                   |           | WGS84                  |                                   |
| LOCATION COORDINATES          |               |                                                                                   | ELEVATION TOP OF BORING                                                       |           |                        |                                   |
| X = 10,567,646 Y = 34,594,975 |               |                                                                                   | 0.0 Ft.                                                                       |           |                        |                                   |
| ELEV.<br>(ft)                 | DEPTH<br>(ft) | LEGEND                                                                            | CLASSIFICATION OF MATERIALS<br>Depths and elevations based on measured values | %<br>REC. | BOX OF<br>SAMPLE       | REMARKS                           |
| -27.0                         | 27.0          |  | Organic-rich, Clay, red, (CH). (continued)                                    |           | 11                     | Sample #11, Depth = 23.0' - 27.0' |
| -29.0                         | 29.0          |                                                                                   | Organic-rich, Clay, gray, (CH).                                               |           | 12                     | Sample #12, Depth = 27.0' - 29.0' |
| -31.0                         | 31.0          |                                                                                   | Organic-rich, Beaumont Clay, with iron stains, (CL).                          |           | 13                     | Sample #13, Depth = 29.0' - 31.0' |
|                               |               |                                                                                   | End of Boring                                                                 |           |                        |                                   |

FLORIDA DEP ROSS SURFIDE.GPJ FL DEP ROSS.GDT 10/11/04

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