

Boring Designation C04.5

| DRILLING LOG                                                                                                |  | DIVISION |  | INSTALLATION                                            |  | SHEET 1<br>OF 2 SHEETS                                                                    |  |
|-------------------------------------------------------------------------------------------------------------|--|----------|--|---------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|
| 1. PROJECT<br>Surfside<br>Brazoria County, Texas                                                            |  |          |  | 9. SIZE AND TYPE OF BIT 4.3 In.                         |  |                                                                                           |  |
| 2. BORING DESIGNATION<br>C04.5                                                                              |  |          |  | 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 0.0 Ft.                                                                          |  |          |  | 15. DATE BORING<br>08-14-04                             |  | STARTED<br>COMPLETED<br>08-14-04                                                          |  |
| 7. DEPTH DRILLED INTO ROCK 0.0 Ft.                                                                          |  |          |  | 16. ELEVATION TOP OF BORING 0.0 Ft.                     |  | 17. TOTAL RECOVERY FOR BORING 29 Ft.                                                      |  |
| 8. TOTAL DEPTH OF BORING 29.0 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>REG. | BOX OR<br>SAMPLE | REMARKS                           |
|---------------|---------------|--------|----------------------------------------------------------------------------------------------|-----------|------------------|-----------------------------------|
| 0.0           | 0.0           |        |                                                                                              |           |                  |                                   |
|               |               |        | Fine to medium-grained, shelly, quartz, Sand, blackish brown (10YR-5/3), (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'    |
| -9.0          | 9.0           |        |                                                                                              |           | 4                | Sample #4, Depth = 9.0' - 11.0'   |
|               |               |        | Organic-rich, Clay, gray (10YR-5/1), (CH).                                                   |           | 5                | Sample #5, Depth = 11.0' - 13.0'  |
|               |               |        |                                                                                              |           | 6                | Sample #6, Depth = 13.0' - 15.0'  |
|               |               |        |                                                                                              |           | 7                | Sample #7, Depth = 15.0' - 17.0'  |
| -18.0         | 18.0          |        |                                                                                              |           | 8                | Sample #8, Depth = 17.0' - 19.0'  |
|               |               |        | Organic-rich, fine-grained, quartz, Sand and Clay interbeds, grayish brown (10YR-5/2), (SC). |           | 9                | Sample #9, Depth = 19.0' - 21.0'  |
|               |               |        |                                                                                              |           | 10               | Sample #10, Depth = 21.0' - 23.0' |
|               |               |        |                                                                                              |           | 11               | Sample #11, Depth = 23.0' - 25.0' |

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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 = 10,532,859 Y = 34,642,423 |               |        | 0.0 Ft.                                                                                                  |           |                        |                                                                  |
| ELEV.<br>(ft)                 | DEPTH<br>(ft) | LEGEND | CLASSIFICATION OF MATERIALS<br>Depths and elevations based on measured values                            | %<br>REG. | NO. OF<br>SAMPLES      | REMARKS                                                          |
| -28.0                         | 28.0          |        | Organic-rich, fine-grained, quartz, Sand and Clay interbeds, grayish brown (10YR-5/2), (SC). (continued) |           | 12                     | Sample #12, Depth = 25.0' - 27.0'                                |
| -29.0                         | 29.0          |        | Organic-rich, Beaumont Clay, yellow (10YR 5/6) to, very pale brown (10YR-7/3), (CH).                     |           | 13                     | Sample #13, Depth = 27.0' - 29.0'<br>Color: 10YR 7/3 to 10YR 5/6 |
|                               |               |        | End of Boring                                                                                            |           |                        |                                                                  |

FLORIDA DEP ROSS SURFIDE.GPJ FL DEP ROSS.GDT 10/1/04

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