

# Boring Designation BI-PB-039-10

| DRILLING LOG  |       | DIVISION<br>South Atlantic                        |   | INSTALLATION<br>Mobile District                                     |                    | SHEET 1<br>OF 1 SHEETS   |  |
|---|-------|---|---|---|--------------------|--|--|
| 1. PROJECT<br>MsCIP Barrier Island Restoration<br>Petit Bois Pass- AL East                                  |       |   |   | 9. SIZE AND TYPE OF BIT N/A   |                    |  |  |
| 2. BORING DESIGNATION<br>BI-PB-039-10   |       | LOCATION COORDINATES<br>E = 1,143,682 N = 252,847 |   | 10. COORDINATE SYSTEM/DATUM<br>State Plane, MSE (U.S. Ft.)          |                    | HORIZONTAL<br>NAD83<br>VERTICAL<br>NAVD88                                      |  |
| 3. DRILLING AGENCY<br>Corps of Engineers - CESAM  |       | CONTRACTOR FILE NO.                               |   | 11. MANUFACTURER'S DESIGNATION OF DRILL<br>Vibracore                |                    | <input type="checkbox"/> AUTO HAMMER<br><input type="checkbox"/> MANUAL HAMMER |  |
| 4. NAME OF DRILLER<br>Construction Solutions International, Inc.  |       |   |   | 12. TOTAL SAMPLES   |                    | DISTURBED<br>UNDISTURBED (UD)<br>0   |  |
| 5. DIRECTION OF BORING<br><input checked="" type="checkbox"/> VERTICAL<br><input type="checkbox"/> INCLINED |       | DEG. FROM VERTICAL                                |   | BEARING   |                    | 13. TOTAL NUMBER CORE BOXES  |  |
| 6. THICKNESS OF OVERBURDEN N/A  |       |   |   | 14. WATER DEPTH 35 Ft.  |                    |  |  |
| 7. DEPTH DRILLED INTO ROCK N/A  |       |   |   | 15. DATE BORING   |                    | STARTED<br>07-28-10<br>COMPLETED<br>07-28-10                                   |  |
| 8. TOTAL DEPTH OF BORING 13.0 Ft.   |       |   |   | 16. ELEVATION TOP OF BORING -34.3 Ft.                               |                    |  |  |
|   |       |   |   | 17. TOTAL RECOVERY FOR BORING 100%                                  |                    |  |  |
|   |       |   |   | 18. SIGNATURE AND TITLE OF INSPECTOR<br>Chris Gillentine, Geologist |                    |  |  |
| ELEV.   | DEPTH | LEGEND  | CLASSIFICATION OF MATERIALS   | SAMPLE  | LABORATORY RESULTS |  |  |
| -34.3   | 0.0   |   | CLAY, fat, gray (CH)  |   |                    |  |  |
|   |       |   |   | NS  |                    |  |  |
| -47.3   | 13.0  |   | NOTES:<br>1. Soils are field visually classified in accordance with the Unified Soils Classification System.<br>2. NS = Sample not submitted for laboratory analysis from this interval.<br>3. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor. |   |                    |  |  |