

Boring Designation BI-PB-019-10

| DRILLING LOG | | DIVISION South Atlantic | | INSTALLATION Mobile District | | SHEET 1 OF 1 SHEETS | |
|---|-------|---|---|---|--|--|--|
| 1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL East | | | | 9. SIZE AND TYPE OF BIT N/A | | | |
| 2. BORING DESIGNATION BI-PB-019-10 | | LOCATION COORDINATES E = 1,140,721 N = 255,806 | | 10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.) | | HORIZONTAL NAD83 VERTICAL NAVD88 | |
| 3. DRILLING AGENCY Corps of Engineers - CESAM | | CONTRACTOR FILE NO. | | 11. MANUFACTURER'S DESIGNATION OF DRILL Vibrocure | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | |
| 4. NAME OF DRILLER Construction Solutions International, Inc. | | | | 12. TOTAL SAMPLES 2 | | DISTURBED 2 UNDISTURBED (UD) 0 | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | DEG. FROM VERTICAL | | 13. TOTAL NUMBER CORE BOXES | | | |
| | | BEARING | | 14. WATER DEPTH 30 Ft. | | | |
| 6. THICKNESS OF OVERBURDEN N/A | | | | 15. DATE BORING 07-10-10 | | STARTED 07-10-10 COMPLETED 07-10-10 | |
| 7. DEPTH DRILLED INTO ROCK N/A | | | | 16. ELEVATION TOP OF BORING -28.3 Ft. | | | |
| 8. TOTAL DEPTH OF BORING 18.0 Ft. | | | | 17. TOTAL RECOVERY FOR BORING 100% | | | |
| | | | | 18. SIGNATURE AND TITLE OF INSPECTOR Valerie Morrow, Geotechnical Engineer | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | SAMPLE | LABORATORY RESULTS | | |
| -28.3 | 0.0 | | | | | | |
| | | | SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP) | A | Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3382 mm % Fines: 1.9 | | |
| | | | | B | Classification: SP Color: 2.5Y 8/1-white D50: 0.3338 mm % Fines: 2 | | |
| -36.9 | 8.6 | | | | | | |
| -39.2 | 10.9 | | SAND, clayey, mostly fine to medium-grained sand-sized quartz, some clay, gray (SC) | | | | |
| | | | CLAY, fat, trace silt, dark gray (CH) | NS | | | |
| -46.3 | 18.0 | | | | | | |
| NOTES: | | | | | | | |
| 1. Soils are field visually classified in accordance with the Unified Soils Classification System. | | | | | | | |
| 2. NS = Sample not submitted for laboratory analysis from this interval. | | | | | | | |
| 3. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor. | | | | | | | |