

Boring Designation BI-PBS-067-12

| DRILLING LOG | | DIVISION South Atlantic | | INSTALLATION Mobile District | | SHEET 1 OF 1 SHEETS | |
|---|-------|---|---|--|---|--|--|
| 1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass-OCS East | | | | 9. SIZE AND TYPE OF BIT N/A | | | |
| 2. BORING DESIGNATION BI-PBS-067-12 | | LOCATION COORDINATES E = 1,146,753 N = 233,891 | | 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 Vibracore | | <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER | |
| 4. NAME OF DRILLER American Vibracore Systems, Inc. | | | | 12. TOTAL SAMPLES | | DISTURBED UNDISTURBED (UD) | |
| 5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED | | | | 13. TOTAL NUMBER CORE BOXES | | 0 | |
| 6. THICKNESS OF OVERBURDEN N/A | | | | 14. WATER DEPTH 58.3 Ft. | | 15. DATE BORING STARTED 11-19-12 COMPLETED 11-19-12 | |
| 7. DEPTH DRILLED INTO ROCK N/A | | | | 16. ELEVATION TOP OF BORING -58.3 Ft. | | 17. TOTAL RECOVERY FOR BORING 100% | |
| 8. TOTAL DEPTH OF BORING 18.8 Ft. | | | | 18. SIGNATURE AND TITLE OF INSPECTOR John Bass, Geotechnical Engineer | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | SAMPLE | LABORATORY RESULTS | | |
| -58.3 | 0.0 | | | | | | |
| | | | SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace clay, gray (SP) | A | Classification: SP-SM Color: 5Y 6/2-light olive gray D50: 0.1928 mm % Fines: 8.3 | | |
| -62.5 | 4.2 | | SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few shell fragments, gray (SC) | | | | |
| -65.5 | 7.2 | | CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, little sandy lenses, gray (CH) | NS | | | |
| | | | At El. -72.1 Ft., mostly clay, few shell fragments, lt. gray mottled with orange | | | | |
| -77.1 | 18.8 | | | | | | |
| | | | 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. | | | | |