

Boring Designation BI-PBS-072-12

| 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-072-12 | | LOCATION COORDINATES E = 1,146,277 N = 232,914 | | 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) 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 58.7 Ft. | | | |
| 6. THICKNESS OF OVERBURDEN N/A | | | | 15. DATE BORING 11-19-12 | | STARTED COMPLETED 11-19-12 | |
| 7. DEPTH DRILLED INTO ROCK N/A | | | | 16. ELEVATION TOP OF BORING -58.8 Ft. | | | |
| 8. TOTAL DEPTH OF BORING 16.8 Ft. | | | | 17. TOTAL RECOVERY FOR BORING 100% | | | |
| | | | | 18. SIGNATURE AND TITLE OF INSPECTOR John Bass, Geotechnical Engineer | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | SAMPLE | LABORATORY RESULTS | | |
| -58.8 | 0.0 | | | | | | |
| -61.1 | 2.3 | | SAND, poorly-graded, mostly fine to medium-grained quartz, trace fines, trace shell fragments, lt. gray (SP) | A | Classification: SP Color: 5Y 7/2-light gray D50: 0.3295 mm % Fines: 1.8 | | |
| -68.3 | 9.5 | | SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC) | B | Classification: SM Color: 5Y 6/2-light olive gray D50: 0.1997 mm % Fines: 13.6 | | |
| -75.6 | 16.8 | | CLAY, fat, mostly clay, some silt, trace fine-grained sand-sized quartz, gray (CH) At El. -70.3 Ft., mostly clay, trace sand, medium plasticity, light gray mottled with orange | NS | | | |
| | | | 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. | | | | |