

# Boring Designation BI-PBS-110-12

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-110-12		LOCATION COORDINATES E = 1,135,086 N = 239,132		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				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 51.4 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 01-12-13 COMPLETED 01-12-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.5 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 18.3 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			

  

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-52.5	0.0				
-54.8	2.3		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2964 mm % Fines: 2.6
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, alternating bands of clay, dark gray (SM)	NS	
			At El. -58.1 Ft., mostly fine-grained sand-sized quartz, some silt, trace clay, dark gray	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2127 mm % Fines: 14.5
-65.0	12.5				
			SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, few clay, few silt, some clay intervals with poorly-graded, fine-grained sand with silt between 14.3-15.3 ft., gray (SP-SC)	NS	
-70.8	18.3				
			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 determined from USACE hydrographic survey completed April 2014.		