

Boring Designation BI-PBS-107-12

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-107-12		LOCATION COORDINATES E = 1,133,445 N = 224,614		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 62.5 Ft.		15. DATE BORING STARTED 01-04-13 COMPLETED 01-04-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -64.9 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 17.3 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-64.9	0.0				
-67.5	2.6		CLAY, lean, mostly clay, low to medium plasticity, fine-grained sand pockets, stiff, brownish orange, greenish gray, and gray mottle (CL)	NS	
-68.1	3.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)		
-70.2	5.3		CLAY, lean, mostly clay, some silt, some fine-grained sand-sized quartz, trace wood debris, brown (CL)		
-70.9	6.0				
-73.0	8.1		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)	A	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2166 mm % Fines: 15.1
-73.6	8.7			NS	
-76.0	11.1		SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, trace clay, gray (SM)	B	Classification: SM Color: 5Y 5/1-gray D50: 0.294 mm % Fines: 13.3
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, some shell fragments, trace wood debris, gray (CL)	C	Classification: SP-SM Color: 5Y 6/2-light olive gray D50: 0.2036 mm % Fines: 6.7
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, little shell fragments, trace clay stringers, gray (SM)		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, dense, gray (SP)		
-82.2	17.3				
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 2013 USGS geophysical survey.					