

Boring Designation BI-PBS-114-12

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-114-12		LOCATION COORDINATES E = 1,142,473 N = 231,598		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 57.3 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 -57.9 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 18.4 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-57.9	0.0				
-60.9	3.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, some shell fragments, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.6627 mm % Fines: 3.5
-65.1	7.2		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace shell fragments, brownish orange, greenish gray, and gray mottle (CL) At El. -61.5 Ft., mostly clay, some fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray		
-66.7	8.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, alternating layers of clay within this zone, gray (SP-SM)		
-67.6	9.7		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)		
-72.3	14.4		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, trace wood debris, medium to high plasticity, stiff, gray (CH)	NS	
-76.3	18.4		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace shell fragments, gray (CL)		
			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.		