

Boring Designation BI-PBS-014-12

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-014-12		LOCATION COORDINATES E = 1,136,141 N = 231,771		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83	
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 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 53.4 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-28-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -53.2 Ft.		COMPLETED 11-28-12	
8. TOTAL DEPTH OF BORING 19.6 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-53.2	0.0						
			SAND, poorly-graded, mostly fine to medium-grained quartz, trace silt, trace shell fragments, greenish gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.25 mm % Fines: 3.7		
-56.4	3.2						
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, trace shell fragments, greenish gray (SM)	B	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.2 mm % Fines: 11.8		
-59.2	6.0						
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, alternating bands of clayey sand and sandy clay, gray mottled with greenish gray and brown (SC)				
-61.4	8.2						
			CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, trace wood debris, trace shell fragments, occasional shelly bands and sandy pockets, moderately stiff, gray (CH)	NS			
-72.8	19.6						
			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.				