

Boring Designation BI-PBS-043-12

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-043-12		LOCATION COORDINATES E = 1,129,431 N = 228,209		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 59.3 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-09-12		STARTED COMPLETED 12-09-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -58.1 Ft.			
8. TOTAL DEPTH OF BORING 9.8 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		
-58.1	0.0						
-59.6	1.5		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: 0.318 mm % Fines: 1.4		
-64.9	6.8		CLAY, fat, mostly clay, medium to high plasticity, little fine-grained, sand-sized quartz and shells between 1.5 to 2.4 ft., gray, greenish gray, and orangy brown mottle (CH)	NS			
-67.9	9.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few fines, dense, gray (SP-SM)				
			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 12/17/2014 USACE survey.				