

Boring Designation BI-PBS-044-12

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-044-12		LOCATION COORDINATES E = 1,131,736 N = 226,760		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 60.1 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 -59.9 Ft.			
8. TOTAL DEPTH OF BORING 18.7 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
-59.9	0.0				
-61.1	1.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.2779 mm % Fines: 2.5
-63.4	3.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, orangy brown, greenish gray, gray mottle (SC)		
-64.1	4.2		CLAY, fat, mostly clay, some fine-grained sand-sized quartz, medium to high plasticity, dark gray (CH)		
-66.2	6.3		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, gray (SM)		
-67.6	7.7		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, alternating bands of clay and clayey sand, gray (CL)		
-69.8	9.9		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, gray (SP-SM)	NS	
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, gray (SP)		
-74.8	14.9				
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, silt content increases with depth, gray (SP-SM)		
-78.6	18.7				
			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.		