

Boring Designation BI-PBS-018-12

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-018-12		LOCATION COORDINATES E = 1,139,854 N = 232,104		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 50.2 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-23-12		STARTED COMPLETED 11-23-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -51.1 Ft.			
8. TOTAL DEPTH OF BORING 19.0 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR John Bass, Geotechnical Engineer			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-51.1	0.0						
-53.5	2.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little shell fragments, trace fines, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3756 mm % Fines: 1.7		
-59.3	8.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fines, fines increase with depth, lt. gray to gray (SP)	B	Classification: SP Color: 5Y 7/2-light gray D50: 0.2358 mm % Fines: 2.6		
-59.7	8.6						
-61.9	10.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little shell fragments, gray (SP-SM)				
-63.9	12.8		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, gray mottled with lt. gray and reddish brown (SM)				
-68.1	17.0		CLAY, silty, some fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray (CL-ML)	NS			
-70.1	19.0		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray (SM)				
			CLAY, lean, little fine-grained sand-sized quartz, trace wood debris, 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.							