

Boring Designation BI-PBS-019-12

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-019-12		LOCATION COORDINATES E = 1,139,322 N = 232,876		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 50.6 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-23-12 COMPLETED 11-23-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -51.2 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 18.6 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR John Bass, Geotechnical Engineer			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-51.2	0.0				
-55.8	4.6		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little shell fragments, trace fines, gray to light gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2978 mm % Fines: 1.8
-56.2	5.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some shell fragments, few fines, gray (SP)		
-57.4	6.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little shell fragments, gray (SP-SM)		
-60.1	8.9		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, gray mottled with lt. gray and orange (SM)		
-60.9	9.7		CLAY, silty, little fine-grained sand-sized quartz, lt. gray mottled with orange (CL-ML)		
-61.2	10.0		SAND, silty, mostly fine-grained sand-sized quartz, gray (SM)	NS	
-63.1	11.9		CLAY, lean, little fine-grained sand-sized quartz, lt. gray mottled with orange (CL)		
-67.2	16.0		SAND, silty, mostly fine-grained sand-sized quartz, gray to tan (SM)		
-69.8	18.6		SILT, inorganic-L, mostly silt, trace fine-grained sand-sized quartz, trace wood debris, trace shell fragments, gray (ML)		
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.					