

# Boring Designation BI-PBS-017-12

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-017-12		LOCATION COORDINATES E = 1,139,765 N = 231,412		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 55.4 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-23-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -58.5 Ft.		COMPLETED 11-23-12	
8. TOTAL DEPTH OF BORING 19.5 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
-58.5	0.0				
-59.5	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fines, gray (SP)	A	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.21 mm % Fines: 2.7
-59.7	1.2				
-60.5	2.0		SAND, silty, mostly fine-grained sand-sized quartz, gray (SM)		
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few shell fragments, trace wood debris, gray (SP-SM)		
			SILT, inorganic-L, little sand, sand lense at 4.5 ft, lt. gray mottled with orange (ML)		
-66.0	7.5				
			SAND, silty, mostly fine-grained sand-sized quartz, trace wood debris, trace shell fragments, gray (SM)	NS	
-70.5	12.0				
			SILT, inorganic-L, trace sand, trace wood debris, gray (ML)		
-74.9	16.4				
-76.0	17.5		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, gray (SM)		
-78.0	19.5		CLAY, lean, stiff, sand lense at 18.7 ft, lt. gray to 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.		