

Boring Designation BI-PBS-016-12

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-016-12		LOCATION COORDINATES E = 1,138,607 N = 231,553		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 Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibrocure 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 52.8 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 -52.5 Ft.			
8. TOTAL DEPTH OF BORING 17.8 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		
-52.5	0.0						
-55.0	2.5		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: 0.29 mm % Fines: 2.4		
-56.3	3.8		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little fines, little shell fragments, gray (SP)	B	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.21 mm % Fines: 3.7		
-58.1	5.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little fines, gray (SP)	C	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.24 mm % Fines: 4		
-61.3	8.8		SAND, silty, mostly fine-grained sand-sized quartz, little shell fragments, gray (SM)	NS			
-64.6	12.1		CLAY, lean, mostly clay, some sand, lt. gray mottled with orange (CL)				
-65.6	13.1		SAND, clayey, mostly fine-grained sand-sized quartz, lt. gray mottled with orange (SC)				
-66.4	13.9		CLAY, lean, mostly clay, little fine-grained sand-sized quartz, low plasticity, dark gray (CL)				
-68.2	15.7		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray (SM)				
-70.3	17.8		CLAY, lean, mostly clay, trace fine-grained sand-sized quartz, 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.				