

# Boring Designation BI-PBS-056-12

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-056-12		LOCATION COORDINATES E = 1,131,782 N = 243,108		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 Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibrocure 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 48.3 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-30-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -46.0 Ft.		COMPLETED 11-30-12	
8. TOTAL DEPTH OF BORING 14.8 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		
-46.0	0.0						
-48.6	2.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3431 mm % Fines: 1.4		
-50.7	4.7		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace silt, trace shell fragments, trace wood debris, gray (SC)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2458 mm % Fines: 13.8		
-53.4	7.4		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace clay, clayey band between 6.3 to 6.5 ft., gray (SP-SM)	C	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2416 mm % Fines: 7.2		
-57.9	11.9		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace shell fragments, low to medium plasticity, gray (CL)	NS			
-60.8	14.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, clayey nodules throughout, lt. gray with dk gray spots (SP-SM)	NS			
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.							