

Boring Designation BI-PBS-071-12

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-071-12		LOCATION COORDINATES E = 1,148,382 N = 232,181		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 57.6 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -57.7 Ft.		COMPLETED 11-19-12	
8. TOTAL DEPTH OF BORING 18.4 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		
-57.7	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few fines, few shell fragments, light gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.2468 mm % Fines: 3.4		
-61.1	3.4						
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few shell fragments, gray (SC)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.209 mm % Fines: 13.2		
-62.9	5.2						
-63.6	5.9			NS			
			CLAY, fat, mostly clay, trace fine-grained sand, medium plasticity, gray (CH)				
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few shell fragments, gray (SC)	C	Classification: SM Color: 5Y 6/2-light olive gray D50: 0.1997 mm % Fines: 15.3		
-68.2	10.5						
			CLAY, fat, mostly clay, high plasticity, dark gray mottled with grayish brown (CH)	NS			
-76.1	18.4						
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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.							