

Boring Designation BI-PBS-076-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-076-12		LOCATION COORDINATES E = 1,143,464 N = 234,949		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 52.8 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-21-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.4 Ft.		COMPLETED 11-21-12	
8. TOTAL DEPTH OF BORING 19.4 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		
-52.4	0.0						
-56.3	3.9		SAND, poorly-graded, mostly fine to medium-grained quartz, trace fines, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3173 mm % Fines: 1.8		
-61.4	9.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little silt, trace shell fragments, trace wood debris, fines content increases with depth, gray (SP)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2024 mm % Fines: 14.4		
-62.9	10.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, trace wood debris, gray (SM)	NS			
-63.4	11.0		CLAY, silty, some clay, some silt, little fine-grained sand-sized quartz, gray (CL-ML)	C	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.2085 mm % Fines: 16.9		
-65.8	13.4		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace wood debris, gray (SM)	NS			
-68.4	16.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace wood debris, soft, gray mottled with lt. gray and orange (SC)				
-71.8	19.4		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace wood debris, stiff, gray mottled with lt. gray and orange (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 calculated using sampling vessel's fathometer water depth reading and							

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
			PROJECT MsCIP Barrier Island Restoration		COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)
LOCATION COORDINATES X = 1,143,464 Y = 234,949			ELEVATION TOP OF BORING -52.4 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			applying NOAA tidal gauge data conversion factor.		