

Boring Designation BI-PBS-087-12

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-087-12		LOCATION COORDINATES E = 1,140,125 N = 231,570		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 53.1 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-18-12		STARTED COMPLETED 12-18-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -53.2 Ft.			
8. TOTAL DEPTH OF BORING 18.8 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		
-53.2	0.0						
			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: 0.258 mm % Fines: 1.5		
-58.2	5.0						
-59.6	6.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	B	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2058 mm % Fines: 4.5		
			CLAY, lean, mostly clay, some silt, some fine-grained sand-sized quartz, low to medium plasticity, stiff, gray, orangy brown mottle (CL)	NS			
-66.0	12.8						
-68.2	15.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, some silt, borderline silty clay with fine-grained sand, gray (SC)				
			CLAY, lean, mostly clay, some silt, some fine-grained sand-sized quartz, trace shell fragments, gray (CL)				
-72.0	18.8						
			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.				