

Boring Designation BI-PBS-020-12

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-020-12		LOCATION COORDINATES E = 1,138,523 N = 229,734		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 60.8 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 -60.1 Ft.			
8. TOTAL DEPTH OF BORING 12.7 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		
-60.1	0.0						
-60.3	0.2		SILT, inorganic-L, mostly silt, trace fine-grained sand-sized quartz, trace shell fragments, gray (ML)	NS			
			SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, gray (SM)				
-64.2	4.1						
-66.1	6.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace shell fragments, lt. gray (SP)	A	Classification: SP-SM Color: 5Y 6/2-light olive gray D50: 0.2777 mm % Fines: 9.1		
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace wood debris, gray (CL) At El. -66.7 Ft., mostly clay, trace fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray	NS			
-72.1	12.0						
-72.8	12.7		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, gray mottled with brown (SP-SM)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2927 mm % Fines: 12.8		
			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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.				