

Boring Designation BI-PBS-035-12

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-035-12		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83
3. DRILLING AGENCY Corps of Engineers - CESAM		11. MANUFACTURER'S DESIGNATION OF DRILL Vibrocure		VERTICAL NAVD88
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		UNDISTURBED (UD) 0
6. THICKNESS OF OVERBURDEN N/A		14. WATER DEPTH 62.6 Ft.		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING 12-09-12		STARTED 12-09-12
8. TOTAL DEPTH OF BORING 20.0 Ft.		16. ELEVATION TOP OF BORING -61.4 Ft.		COMPLETED 12-09-12
		17. TOTAL RECOVERY FOR BORING 100%		
		18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-61.4	0.0				
			CLAY, fat, mostly clay, trace shell fragments, medium to high plasticity, pockets of trace fine-grained, sand-sized quartz, dark gray (CH)		
-65.8	4.4				
			CLAY, fat, mostly clay, medium to high plasticity, pockets of trace fine-grained, sand-sized quartz, greenish gray, orangy brown, gray mottle (CH)		
-68.0	6.6				
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace wood debris, brownish gray (SM)		
-69.8	8.4				
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, some shell fragments, trace wood debris, low to medium plasticity, gray (CL)	NS	
-74.3	12.9				
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, trace shell fragments, gray (SM)		
-81.1	19.7				
-81.4	20.0				
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, low to medium plasticity, gray (CL)		
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. NS = Sample not submitted for laboratory		

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.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,129,112 Y = 223,570			ELEVATION TOP OF BORING -61.4 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			<p>analysis from this interval.</p> <p>3. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.</p>		