

Boring Designation BI-PBS-021-12

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-021-12		LOCATION COORDINATES E = 1,142,638 N = 232,156		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 52 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-21-12		STARTED COMPLETED 11-21-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.9 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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
-52.9	0.0				
-56.4	3.5		SAND, poorly-graded, mostly fine to medium-grained quartz, little shell fragments, trace fines, lt. gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3757 mm % Fines: 1.3
-60.1	7.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fines, trace shell fragments, lt. gray (SP)	B	Classification: SP Color: 5Y 6.5/2- D50: 0.2445 mm % Fines: 3
-60.9	8.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace wood debris, gray (SC)		
-61.4	8.5		CLAY, lean, mostly fine-grained sand-sized quartz, some fine-grained sand-sized quartz, light gray mottled with brown (CL)		
-65.9	13.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, trace wood debris, gray to dark gray (SC)		
-69.4	16.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, trace wood debris, gray (SM)	NS	
-72.4	19.5		SILT, inorganic-L, mostly silt, some fine-grained sand-sized quartz, trace wood debris, gray (ML)		
-72.9	20.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, gray (SM)		
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.					

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 = 1,142,638 Y = 232,156			ELEVATION TOP OF BORING -52.9 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			3. Seafloor elevation determined from USACE hydrographic survey completed April 2014.		