

Boring Designation BI-PB-202-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-202-12		LOCATION COORDINATES E = 1,137,303 N = 252,107		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 36.3 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -35.3 Ft.		COMPLETED 12-19-12	
8. TOTAL DEPTH OF BORING 19.8 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
-35.3	0.0				
-36.4	1.1		CLAY, fat, mostly clay, few silt, trace fine-grained sand-sized quartz, very soft, medium to high plasticity, brownish gray (CH)	NS	
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP) At El. -37.8 Ft., mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, trace clayey nodules, lt. gray to white	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3014 mm % Fines: 2.1
				B	Classification: SP Color: 5Y 7/2-light gray D50: 0.34 mm % Fines: 1.7
-42.8	7.5				
-43.2	7.9		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, brownish gray (SC)		
			CLAY, fat, mostly clay, medium to high plasticity, stiff, zones of trace fine-grained sand at 8.5 ft., greenish gray (CH)	NS	
-55.1	19.8				
			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 2010 USACE survey.		