

Boring Designation BI-PB-211-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-211-12		LOCATION COORDINATES E = 1,149,570 N = 257,845		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 Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibracore 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 31.1 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-05-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -30.8 Ft.		COMPLETED 12-05-12	
8. TOTAL DEPTH OF BORING 15.7 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		
-30.8	0.0						
-31.9	1.1		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3143 mm % Fines: 3.2		
-35.9	5.1		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, high plasticity, stiff, gray mottled with brownish orange, and greenish gray (CH)	NS			
-38.0	7.2		SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, few clay, trace silt, gray mottled with brownish orange, and greenish gray (SP-SC)	B	Classification: SP Color: 2.5Y 6/6-olive yellow D50: 0.3494 mm % Fines: 0.3		
-42.9	12.1		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, trace clay stringers, dense, lt. gray grading to gray (SP)	C	Classification: SP Color: 2.5Y 7.5/2- D50: 0.3471 mm % Fines: 3.6		
-44.3	13.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)	NS			
-46.5	15.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace clay, very dense, gray (SP)				
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. Sand was very dense. Stopped vibracore machine after 5 minutes due to lack of penetration. 4. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.							