

Boring Designation BI-PB-214-12

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-214-12		LOCATION COORDINATES E = 1,154,974 N = 252,102		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 38.4 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 -38.2 Ft.		COMPLETED 12-19-12	
8. TOTAL DEPTH OF BORING 15.8 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		
-38.2	0.0						
-40.8	2.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3065 mm % Fines: 1.3		
-41.5	3.3		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, trace silt, soft, dark brownish gray (CH)	NS			
-43.6	5.4		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, trace clay, gray (SP-SM)	B	Classification: SP-SM Color: 5Y 6/2-light olive gray D50: 0.3526 mm % Fines: 6.3		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, lt. gray to white (SP)	C	Classification: SP Color: 2.5Y 8/1-white D50: 0.3785 mm % Fines: 1.2		
			At El. -48.6 Ft., mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, trace clayey stringers, gray to light gray	D	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3913 mm % Fines: 2		
-54.0	15.8			NS			
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.							