

Boring Designation BI-PB-184-12

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-184-12		LOCATION COORDINATES E = 1,143,386 N = 255,414		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 28.2 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-07-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -27.6 Ft.		COMPLETED 12-07-12	
8. TOTAL DEPTH OF BORING 18.5 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		
-27.6	0.0						
-30.4	2.8		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3403 mm % Fines: 1.6		
-33.7	6.1		SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, few clay, trace silt, trace shell fragments, few clay stringers, gray to lt. gray (SP-SC)	B	Classification: SP Color: 5Y 6/3-pale olive D50: 0.2845 mm % Fines: 4		
-40.0	12.4		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, lt. gray (SP) At El. -36.1 Ft., mostly fine-grained sand-sized quartz, trace silt, lt. gray to white	C	Classification: SP Color: 5Y 8/1-white D50: 0.2723 mm % Fines: 1.6		
-42.7	15.1		CLAY, fat, mostly clay, medium to high plasticity, gray (CH)	NS			
-43.7	16.1		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)				
-46.1	18.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace clay, 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. Seafloor elevation calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.				