

Boring Designation BI-PB-148-12

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-148-12		LOCATION COORDINATES E = 1,153,719 N = 255,435		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 12-06-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -37.2 Ft.		COMPLETED 12-06-12	
8. TOTAL DEPTH OF BORING 17.1 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		
-37.2	0.0						
-39.3	2.1		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, some clay, trace clay, gray (SM)	NS			
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, silty banding throughout, gray (SP-SM)	A	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2938 mm % Fines: 7.2		
			At El. -44.3 Ft., mostly fine to medium-grained sand-sized quartz, few silt, trace clay stringers, gray	B	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.3179 mm % Fines: 6.2		
			At El. -49.3 Ft., mostly fine to medium-grained sand-sized quartz, few silt, trace clay stringers, gray	C	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.3206 mm % Fines: 6.1		
-53.7	16.5						
-54.3	17.1		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, low to medium plasticity, gray (CL)	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 determined from 2010 USACE survey.							