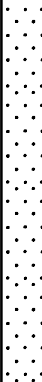




Boring Designation BI-PB-218-12

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-218-12		LOCATION COORDINATES E = 1,149,812 N = 253,289		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 37.3 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-12-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -37.8 Ft.		COMPLETED 12-12-12	
8. TOTAL DEPTH OF BORING 17.3 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		
-37.8	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, lt. gray (SP)	A	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.316 mm % Fines: 9.7		
				B	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3386 mm % Fines: 4.4		
				C	Classification: SP Color: 2.5Y 8/2-pale yellow D50: 0.3172 mm % Fines: 2.1		
				D	Classification: SP-SM Color: - D50: 0.2612 mm % Fines: 6.2		
-46.6	8.8						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some clay, trace fines, 0.5-inch clayey lenses between 14 to 15.7 ft., dense, lt. gray to white (SP)				
-53.5	15.7						
-55.1	17.3		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, firm, dark gray (CH)	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.				