

Boring Designation BI-PB-176-12

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-176-12		LOCATION COORDINATES E = 1,153,461 N = 257,951		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 33.7 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 -33.2 Ft.		COMPLETED 12-05-12	
8. TOTAL DEPTH OF BORING 14.3 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		
-33.2	0.0						
-34.2	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, clay bandt at 0.2 ft., pale brown to gray (SP)	A	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3059 mm % Fines: 10.9		
-35.8	2.6		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, low to medium plasticity, gray (CL)	NS			
-36.9	3.7		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, gray (SM)	B	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.3161 mm % Fines: 10.5		
-38.0	4.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace clay, gray (SP-SM)	C	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.3331 mm % Fines: 6.3		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, lt. gray to white (SP)	D	Classification: SP Color: 2.5Y 8/1-white D50: 0.3417 mm % Fines: 0.5		
				E	Classification: SP Color: 2.5Y 8/1-white D50: 0.3202 mm % Fines: 1.8		
-47.5	14.3			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.							