

Boring Designation BI-PB-163-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-163-12		LOCATION COORDINATES E = 1,154,858 N = 255,102		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 38.2 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 -38.7 Ft.		COMPLETED 12-06-12	
8. TOTAL DEPTH OF BORING 20.0 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		
-38.7	0.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace clay streaks, gray (SP-SM)	A	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.304 mm % Fines: 7.2		
				B	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.3062 mm % Fines: 5.7		
				C	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.3121 mm % Fines: 6.9		
-51.9	13.2		CLAY, fat, mostly clay, few sandy pockets throughout, medium to high plasticity, stiff, gray (CH)	NS			
-58.7	20.0						
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							

