

Boring Designation BI-PBS-081-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass-OCS East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PBS-081-12		LOCATION COORDINATES E = 1,145,995 N = 240,743		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83 VERTICAL NAVD88	
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 UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		0	
6. THICKNESS OF OVERBURDEN N/A				14. WATER DEPTH 52 Ft.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.0 Ft.		STARTED 12-18-12 COMPLETED 12-18-12	
8. TOTAL DEPTH OF BORING 16.9 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		
-52.0	0.0						
-53.9	1.9		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, trace clay lenses, lt. gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2244 mm % Fines: 2.4		
-55.6	3.6		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, trace shell fragments, gray (SM)	B	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.1757 mm % Fines: 9.1		
-56.2	4.2		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)				
			CLAY, fat, mostly clay, trace wood debris, medium to high plasticity, stiff, sandy lenses at 4.7 ft., gray (CH)	NS			
-68.9	16.9						
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.							