

Boring Designation BI-PBS-088-12

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-088-12		LOCATION COORDINATES E = 1,139,419 N = 230,301		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 56.3 Ft.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -56.3 Ft.		STARTED 12-18-12 COMPLETED 12-18-12	
8. TOTAL DEPTH OF BORING 17.5 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		
-56.3	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2311 mm % Fines: 2.6		
-61.3	5.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, some clayey nodules, gray (SM)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2 mm % Fines: 14.4		
-62.4	6.1		CLAY, lean, mostly clay, trace silt, trace fine-grained sand-sized quartz, low to medium plasticity, gray and orange mottle (CL)	NS			
-64.5	8.2		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few clay lenses, grayish brown (SM)				
-67.3	11.0		CLAY, fat, mostly clay, trace wood debris, zones of trace fine-grained sand, medium to high plasticity, greenish gray (CH)				
-73.8	17.5		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 USACE hydrographic survey completed April 2014.				