

# Boring Designation BI-PBS-109-12

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-109-12		LOCATION COORDINATES E = 1,142,277 N = 229,445		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 60.4 Ft.		15. DATE BORING	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -60.3 Ft.		STARTED 01-04-13 COMPLETED 01-04-13	
8. TOTAL DEPTH OF BORING 16.6 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		
-60.3	0.0						
-62.6	2.3		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	A	Classification: SP Color: 5Y 5/2-olive gray D50: 0.2367 mm % Fines: 3.5		
-66.2	5.9		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few shell fragments, gray (SM)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2436 mm % Fines: 22.2		
-74.7	14.4		CLAY, lean, mostly clay, some sand, little silt, trace shell fragments, gray (CL)	NS			
-75.3	15.0		SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, little silt, few clay, trace shell fragments, gray (SP-SC)				
-76.9	16.6		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, gray (SP)				
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.							