

Boring Designation BI-PBS-104-12

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-104-12		LOCATION COORDINATES E = 1,139,968 N = 229,824		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				DEG. FROM VERTICAL		BEARING	
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES			
7. DEPTH DRILLED INTO ROCK N/A				14. WATER DEPTH 60.1 Ft.			
8. TOTAL DEPTH OF BORING 18.2 Ft.				15. DATE BORING		STARTED 01-04-13 COMPLETED 01-04-13	
				16. ELEVATION TOP OF BORING -58.3 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		
-58.3	0.0						
-59.3	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2759 mm % Fines: 1.9		
-62.4	4.1		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few clay, trace shell fragments, gray (SM)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2074 mm % Fines: 12.9		
-65.0	6.7		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few silt, trace shell fragments, trace wood debris, gray (SC)	C	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2412 mm % Fines: 21.9		
-71.5	13.2		CLAY, lean, mostly clay, trace wood debris, some fine-grained sandy zones, gray (CL)	NS			
-74.8	16.5		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, gray (SM)				
-76.5	18.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, trace wood debris, gray (SP-SM)				
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.							