

Boring Designation BI-PBS-032-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-032-12		LOCATION COORDINATES E = 1,135,889 N = 224,686		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 62.8 Ft.		15. DATE BORING STARTED 12-01-12 COMPLETED 12-01-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -62.6 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 20.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-62.6	0.0				
-62.8	0.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few shells, trace silt, gray (SP)	NS	
-66.6	4.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, some silt, trace wood debris, alternating bands of clayey sand and sandy clay, gray (SC)		
-69.1	6.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, gray (SP-SM)	A	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.2518 mm % Fines: 6.5
-75.1	12.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, trace shell fragments, trace clay stringers, gray (SP)	B	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.2049 mm % Fines: 6.5
-79.2	16.6		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, gray (SP-SM)	C	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.1877 mm % Fines: 9.7
-80.4	17.8		SAND, silty, mostly fine-grained sand-sized quartz, trace clay, gray (SM)	NS	
-82.6	20.0		CLAY, lean, mostly clay, some silt, trace fine-grained sand-sized quartz, trace shell fragments, gray (CL)		
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					

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,135,889 Y = 224,686			ELEVATION TOP OF BORING -62.6 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		