

Boring Designation BI-PBS-023-12

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-023-12		LOCATION COORDINATES E = 1,141,367 N = 233,678		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83	
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 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 55.7 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-23-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -55.9 Ft.		COMPLETED 11-23-12	
8. TOTAL DEPTH OF BORING 19.7 Ft.				17. TOTAL RECOVERY FOR BORING 100%		18. SIGNATURE AND TITLE OF INSPECTOR John Bass, Geotechnical Engineer	

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-55.9	0.0				
-59.5	3.6		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3131 mm % Fines: 2.6
-60.2	4.3		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, stringers of brown clay, lt. gray mottled with reddish brown (SP-SM)	NS	
-60.9	5.0		SILT, inorganic-L, mostly silt, some fine-grained sand-sized quartz, trace shell fragments, lt. gray (ML)		
-63.8	7.9		SAND, silty, mostly fine-grained sand-sized quartz, little shell fragments, trace wood debris, lt. gray (SM)	B	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2021 mm % Fines: 9
-65.6	9.7		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little silt, trace shell fragments, gray (SP-SM)	NS	
-72.9	17.0		SAND, silty, mostly fine-grained sand-sized quartz, little shell fragments, gray (SM)		
-74.6	18.7		CLAY, lean, mostly clay, lt. gray mottled with orange (CL)		
-75.6	19.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, lt. gray mottled with reddish brown (SP)	C	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3065 mm % Fines: 8.2
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.					

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
LOCATION COORDINATES X = 1,141,367 Y = 233,678			ELEVATION TOP OF BORING -55.9 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			3. Seafloor elevation determined from USACE hydrographic survey completed April 2014.		