

Boring Designation BI-PBS-006-12

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-006-12		LOCATION COORDINATES E = 1,141,764 N = 233,356		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 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-24-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -55.1 Ft.		COMPLETED 11-24-12	
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		
-55.1	0.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.27 mm % Fines: 2.8		
-60.1	5.0		SAND, silty, mostly fine-grained sand-sized quartz, clay lenses throughout, gray (SM)	NS			
-62.0	6.9		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, trace shells, clay lenses throughout, gray (SP-SM)	B	Classification: SM Color: 5Y 6/2-light olive gray D50: 0.1672 mm % Fines: 18		
-71.5	16.4		SAND, silty, mostly fine-grained sand-sized quartz, some shells, gray (SM)	NS			
-74.1	19.0		CLAY, lean, mostly clay, little fine-grained sand-sized quartz, little shell fragments, gray (CL)				
-74.8	19.7		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	VERTICAL NAVD88
LOCATION COORDINATES X = 1,141,764 Y = 233,356			ELEVATION TOP OF BORING -55.1 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			3. Seafloor elevation determined from USACE hydrographic survey completed April 2014.		