

Boring Designation BI-PBS-041-12

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-041-12		LOCATION COORDINATES E = 1,133,653 N = 225,724		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 62 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-09-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -61.6 Ft.		COMPLETED 12-09-12	
8. TOTAL DEPTH OF BORING 16.3 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
-61.6	0.0				
-64.8	3.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2682 mm % Fines: 2.4
-65.8	4.2		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace organic matter, gray grading to brown (SM)	NS	
-66.5	4.9				
-67.2	5.6		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)	B	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.2692 mm % Fines: 5.7
-68.5	6.9				
-69.2	7.6		SAND, silty, mostly fine-grained sand-sized quartz, some silt, gray (SM)	NS	
-71.8	10.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, gray (SP-SM)	C	Classification: SP-SM Color: 5Y 6/2-light olive gray D50: 0.2304 mm % Fines: 7
-72.9	11.3		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)	D	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2353 mm % Fines: 4.8
-77.9	16.3		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, gray (SM)	E	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2128 mm % Fines: 4.6
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, few shell fragments, 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.		