

Boring Designation BI-PBS-004-12

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-004-12		LOCATION COORDINATES E = 1,139,523 N = 232,429		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) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 49.8 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-26-12 COMPLETED 11-26-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -50.1 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
-50.1	0.0				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace wood debris, greenish gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.26 mm % Fines: 1.2
				B	Classification: SP Color: 5Y 7/2-light gray D50: 0.23 mm % Fines: 2.4
-58.7	8.6				
-59.8	9.7		SAND, silty, mostly fine to medium-grained sand-sized quartz, some shell fragments, greenish gray (SM)		
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace shell fragments, medium stiffness, brown mottled with gray (CL)		
			At El. -60.6 Ft., mostly clay, some fine-grained sand-sized quartz, medium stiffness, some bands of fat clay throughout interval, greenish gray mottled with brown	NS	
-65.6	15.5				
			SAND, clayey, mostly fine-grained sand-sized quartz, trace shell fragments, gray (SC)		
-69.6	19.5				
-70.1	20.0		CLAY, fat, mostly clay, trace shell fragments, medium stiffness, gray (CH)		
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 = 1,139,523 Y = 232,429			ELEVATION TOP OF BORING -50.1 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			3. Seafloor elevation determined from USACE hydrographic survey completed April 2014.		