

Boring Designation BI-PBS-031-12

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-031-12		LOCATION COORDINATES E = 1,139,062 N = 230,856		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		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES			
		BEARING		14. WATER DEPTH 55.1 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-26-12		STARTED COMPLETED 11-26-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -55.5 Ft.			
8. TOTAL DEPTH OF BORING 19.7 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		
-55.5	0.0						
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, trace shell fragments, trace clay, gray (SP-SM)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2707 mm % Fines: 2.4		
-59.2	3.7						
			SAND, clayey, mostly fine to medium-grained sand-sized quartz, little silt, trace shell fragments, clay stringers, gray (SC)				
-62.4	6.9						
			CLAY, fat, mostly clay, trace wood debris, with silty lenses, some fine grained sand-sized quartz intermixed, medium plasticity, trace clayey sand lenses, gray with brown streaks (CH)	NS			
-75.2	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. 3. Seafloor elevation determined from USACE hydrographic survey completed April 2014.				