

Boring Designation BI-PBS-005-12

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-005-12		LOCATION COORDINATES E = 1,140,581 N = 232,863		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 60.1 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-24-12		STARTED COMPLETED 11-24-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -60.1 Ft.			
8. TOTAL DEPTH OF BORING 17.4 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		
-60.1	0.0						
-62.1	2.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, some shell fragments, dark gray (SC)	NS			
-63.1	3.0		CLAY, lean, mostly clay, little fine-grained sand-sized quartz, dark gray (CL)				
-64.1	4.0			A	Classification: SM Color: 2.5Y 6/2-light brownish gray D50: 0.2 mm % Fines: 14.4		
-66.1	6.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, little shell fragments, gray (SM)				
-66.9	6.8		SAND, poorly-graded, mostly fine-grained sand-sized quartz, little shell fragments, trace silt, gray (SP)	NS			
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, gray (SM)				
-71.3	11.2		CLAY, silty, some clay, some silt, trace fine-grained sand-sized quartz, gray (CL-ML)				
-73.0	12.9		SAND, silty, mostly fine-grained sand-sized quartz, some silt, little clay, gray (SM)				
			CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, stiff, lt. gray to tan (CH)				
-77.5	17.4						
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.							