

Boring Designation BI-PBS-022-12

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-022-12		LOCATION COORDINATES E = 1,142,318 N = 233,125		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 56 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-21-12 COMPLETED 11-21-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -53.1 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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		
-53.1	0.0						
			SAND, poorly-graded, mostly fine to medium-grained quartz, little shell fragments, trace fines, gray (SP)	A	Classification: SP Color: 5Y 7/1-light gray D50: 0.291 mm % Fines: 2.3		
-59.0	5.9						
-59.8	6.7		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray (SM)				
-61.1	8.0		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, trace wood debris, gray (CL)				
			SAND, silty, mostly fine-grained sand-sized quartz, little shell fragments, gray (SM)	NS			
-73.1	20.0						
			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				

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 = 1,142,318 Y = 233,125			ELEVATION TOP OF BORING -53.1 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			hydrographic survey completed April 2014.		