

Boring Designation BI-PBS-063-12

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-063-12		LOCATION COORDINATES E = 1,149,074 N = 238,385		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)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		0	
6. THICKNESS OF OVERBURDEN N/A				14. WATER DEPTH 56 Ft.		15. DATE BORING STARTED 11-16-12 COMPLETED 11-16-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -56.3 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 14.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-56.3	0.0						
-57.8	1.5		SAND, poorly-graded, mostly fine-grained sand-sized quartz, gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.2768 mm % Fines: 2.3		
-61.3	5.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace medium to coarse-grained shell fragments, with clay lenses, gray (SC)	NS			
-61.8	5.5		CLAY, fat, mostly clay, medium to high plasticity, gray (CH)				
-62.6	6.3		SAND, poorly-graded with clay, mostly fine-grained sand-sized quartz, little clay, trace wood debris, gray (SP-SC)	B	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.2104 mm % Fines: 3		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace silt, dense, lt. gray (SP)	C	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.2398 mm % Fines: 2		
-70.3	14.0						
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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.							