

Boring Designation BI-PBS-079-12

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-079-12		LOCATION COORDINATES E = 1,145,037 N = 239,338		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 52.3 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-18-12 COMPLETED 12-18-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.3 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 16.4 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Mike FitzHarris, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-52.3	0.0						
-54.2	1.9		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, trace clay lenses, lt. gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2701 mm % Fines: 1.9		
-55.4	3.1		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, trace clay lenses, gray (SP-SM)	B	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.2114 mm % Fines: 11.5		
-56.9	4.6		SAND, clayey, mostly fine-grained sand-sized quartz, trace shell fragments, gray (SC)	NS			
			CLAY, fat, mostly clay, trace shell fragments, trace wood debris, medium to high plasticity, trace sandy lenses, gray to greenish gray (CH)				
-68.7	16.4						
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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.							