

# Boring Designation BI-PBS-062-12

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-062-12		LOCATION COORDINATES E = 1,150,505 N = 237,945		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83	
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 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 56 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-16-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -56.4 Ft.		COMPLETED 11-16-12	
8. TOTAL DEPTH OF BORING 16.1 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		
-56.4	0.0						
-57.2	0.8		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.2417 mm % Fines: 3		
-59.5	3.1		SAND, silty, mostly fine-grained sand-sized quartz, some silt, with clay lenses, gray (SM)	NS			
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, few silt, gray (SP)	B	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.1758 mm % Fines: 11.6		
			At El. -62.3 Ft., mostly fine-grained sand-sized quartz, trace silt, light gray	C	Classification: SP Color: 2.5Y 8/1-white D50: 0.205 mm % Fines: 2.5		
				D	Classification: SP Color: 2.5Y 8/1-white D50: 0.2836 mm % Fines: 2.3		
-72.5	16.1						
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.							