

# Boring Designation BI-PBS-008-12

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-008-12		LOCATION COORDINATES E = 1,144,285 N = 234,334		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 57 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-21-12		STARTED COMPLETED 11-21-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -56.6 Ft.			
8. TOTAL DEPTH OF BORING 18.1 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		
-56.6	0.0						
-59.7	3.1		SAND, poorly-graded, mostly fine to medium-grained quartz, trace fines, trace shell fragments, lt. gray to gray (SP)	A	Classification: SP-SM Color: 5Y 6.5/2- D50: 0.22 mm % Fines: 5.2		
-63.9	7.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, few fines, few shell fragments, gray (SP)	B	Classification: SM Color: 5Y 5/2-olive gray D50: 0.19 mm % Fines: 19.2		
-66.6	10.0		SAND, silty, mostly fine-grained sand-sized quartz, some fines, fines content increases with depth, gray (SM)	NS			
-68.1	11.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, clayey sand bordering on sandy clay with SP lense at 11.5 ft., dark gray (SC)				
-74.7	18.1		CLAY, lean, mostly clay, some sand, low to medium plasticity, lt. gray mottled with orange (CL)				
			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.				