

# Boring Designation BI-PBS-069-12

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-069-12		LOCATION COORDINATES E = 1,150,215 N = 233,725		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 61.8 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-19-12		STARTED COMPLETED 11-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -61.9 Ft.			
8. TOTAL DEPTH OF BORING 16.3 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		
-61.9	0.0						
-62.3	0.4						
-63.0	1.1		CLAY, fat, mostly clay, trace sand, gray (CH)	NS A	Classification: SP-SM Color: 5Y 7/2-light gray D50: 0.2889 mm % Fines: 6.2		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace clay, gray (SP)				
			SAND, clayey, mostly fine-grained sand-sized quartz, trace wood debris, trace shell fragments, gray (SC)	NS			
-77.1	15.2						
-78.2	16.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, dense, lt. gray (SP)	B	Classification: SM Color: 10YR 6/2-light brownish gray D50: 0.1428 mm % Fines: 20.1		
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.							