

Boring Designation BI-PBS-060-12

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-060-12		LOCATION COORDINATES E = 1,142,000 N = 234,950		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 61.3 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-24-12		STARTED COMPLETED 11-24-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -60.5 Ft.			
8. TOTAL DEPTH OF BORING 16.8 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		
-60.5	0.0						
-62.3	1.8		SILT, inorganic-L, mostly silt, little fine-grained sand-sized quartz, dark gray (ML)	NS			
-63.3	2.8		SAND, silty, mostly fine-grained sand-sized quartz, with clay lenses, dark gray (SM)				
-68.4	7.9		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, trace wood debris, dark gray (SP-SM)	A	Classification: SM Color: 2.5Y 6/2-light brownish gray D50: 0.1996 mm % Fines: 17.9		
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, gray (SP)	B	Classification: SM Color: 2.5Y 6/2-light brownish gray D50: 0.2138 mm % Fines: 13.5		
			At El. -69.9 Ft., mostly fine-grained sand-sized quartz, trace fines, lt. gray	C	Classification: SP Color: 2.5Y 7/3-pale yellow D50: 0.2462 mm % Fines: 4.3		
			At El. -72.3 Ft., mostly fine-grained sand-sized quartz, tan mottled with light gray	D	Classification: SP Color: 2.5Y 7.5/1.5- D50: 0.2621 mm % Fines: 1.4		
-77.3	16.8						
			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.				