

# Boring Designation BI-PBS-105-12

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-105-12		LOCATION COORDINATES E = 1,141,273 N = 231,419		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 59.8 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 01-04-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -59.3 Ft.		COMPLETED 01-04-13	
8. TOTAL DEPTH OF BORING 18.5 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
-59.3	0.0				
-60.8	1.5		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shells, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2602 mm % Fines: 2.1
-65.7	6.4		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, some silt, few shell fragments, greenish gray, orangy brown, gray mottle (CL) At El. -62.8 Ft., mostly clay, trace fine-grained sand-sized quartz, trace shell fragments, greenish gray, orangy brown, gray mottle At El. -64.4 Ft., mostly clay, some fine-grained sand-sized quartz, trace shell fragments, some clay bands, gray	NS	
-68.5	9.2		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few shell fragments, gray (SC)		
-75.0	15.7		CLAY, lean, mostly clay, trace shell fragments, trace wood debris, some fine-grained sand between 13.7 and 15.7 ft., gray (CL)		
-77.8	18.5		CLAY, fat, mostly clay, very stiff, medium to high plasticity, lt. gray, orangy brown mottle (CH)		
			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 determined from USACE hydrographic survey completed April 2014.		