

Boring Designation BI-PBS-106A-12

DRILLING LOG		DIVISION South Atlantic	INSTALLATION Mobile District	SHEET 1 OF 2 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-106A-12		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		
3. DRILLING AGENCY Corps of Engineers - CESAM		11. MANUFACTURER'S DESIGNATION OF DRILL Vibracore		
4. NAME OF DRILLER American Vibracore Systems, Inc.		12. TOTAL SAMPLES 0		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES		
6. THICKNESS OF OVERBURDEN N/A		14. WATER DEPTH 58.4 Ft.		
7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING 01-12-13		
8. TOTAL DEPTH OF BORING 20.2 Ft.		16. ELEVATION TOP OF BORING -58.9 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
-58.9	0.0				
-60.0	1.1		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some shell fragments, trace fines, gray (SP)	A	Classification: SP Color: 5Y 6/3-pale olive D50: 0.5035 mm % Fines: 2.5
-65.6	6.7		CLAY, lean, mostly clay, trace shell fragments, pockets of clayey sand, low to medium plasticity, stiff, orangy brown, greenish gray, and gray mottle (CL)	NS	
-68.1	9.2		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, little shell fragments, gray (SC)		
-79.1	20.2		CLAY, fat, mostly clay, trace shell fragments, trace wood debris, medium to high plasticity, stiff, trace fine-grained sandy zones throughout, gray (CH) At El. -76.5 Ft., mostly clay, trace wood debris, medium to high plasticity, very stiff, some silty pockets within zone, lt. gray		
			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		

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,140,300 Y = 231,982			ELEVATION TOP OF BORING -58.9 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			hydrographic survey completed April 2014.		