

# Boring Designation BI-PBS-083-12

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-083-12		LOCATION COORDINATES E = 1,142,384 N = 232,518		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 52.4 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-18-12		STARTED COMPLETED 12-18-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.1 Ft.			
8. TOTAL DEPTH OF BORING 19.6 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	
-52.1	0.0					
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little shell fragments, trace clay, trace silt, gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.3509 mm % Fines: 1	
				B	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.2416 mm % Fines: 5.2	
-59.8	7.7		CLAY, lean, mostly clay, some silt, trace fine-grained sand-sized quartz, trace shell fragments, gray, orangy brown (CL)	NS		
-63.4	11.3					
-67.1	15.0					SAND, clayey, mostly fine-grained sand-sized quartz, some clay, little silt, trace shell fragments, gray (SC)
-71.7	19.6					CLAY, lean, mostly clay, some silt, some fine-grained sand-sized quartz, trace shell fragments, trace wood debris, gray (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 determined from USACE hydrographic survey completed April 2014.			