

Boring Designation BI-PBS-040-12

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-040-12		LOCATION COORDINATES E = 1,135,172 N = 223,901		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 66.9 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-01-12		STARTED COMPLETED 12-01-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -66.7 Ft.			
8. TOTAL DEPTH OF BORING 15.9 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		
-66.7	0.0						
-67.7	1.0		SHELL, mostly shell fragments, some medium to coarse-grained sand-sized quartz, trace silt, gray				
-68.0	1.3						
-68.8	2.1		CLAY, lean, mostly clay, trace fine-grained sand-sized quartz, trace shell fragments, brown mottled with gray (CL)				
-69.8	3.1		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray mottled with brown (SC)				
-72.6	5.9		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace clay, trace shell fragments, lt. gray (SP)				
-74.0	7.3		SAND, silty, mostly fine-grained sand-sized quartz, some silt, some organic matter, organic staining, dark brown (SM)				
-79.9	13.2		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace shell fragments, clay nodules at 7.2 ft., gray (SP-SM)				
-82.6	15.9		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, little shell fragments, gray (SC)				
			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.	NS			