

Boring Designation BI-PB-169-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-169-12		LOCATION COORDINATES E = 1,151,127 N = 259,267		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 28.7 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-29-12		STARTED COMPLETED 11-29-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -28.8 Ft.			
8. TOTAL DEPTH OF BORING 14.9 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
-28.8	0.0				
-29.6	0.2			NS	
-31.2	2.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, gray (SP)	A	Classification: SM Color: 5Y 5/2-olive gray D50: 0.1874 mm % Fines: 17.3
			SAND, silty, mostly fine-grained sand-sized quartz, trace clay, trace wood debris, gray (SM)		
			CLAY, fat, mostly clay, medium to high plasticity, gray (CH)		
			At El. -33.7 Ft., mostly clay, medium to high plasticity, brownish gray		
			At El. -38.7 Ft., mostly clay, trace silt, trace wood debris, medium to high plasticity, greenish gray mottled with brownish gray	NS	
-42.3	13.5				
-43.7	14.9		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace wood debris, 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.					