



Boring Designation BI-PB-166-12

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-166-12		LOCATION COORDINATES E = 1,154,688 N = 259,113		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 32.3 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 -32.1 Ft.			
8. TOTAL DEPTH OF BORING 10.2 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		
-32.1	0.0						
-32.3	0.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, lt. brown (SP)	NS			
	CLAY, fat, mostly clay, trace silt, medium plasticity, gray (CH) At El. -33.8 Ft., mostly clay, trace wood debris, high plasticity, gray mottled with brown						
-38.6	6.5						
-39.5	7.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace clay, lt. gray (SP)				
-42.3	10.2		CLAY, fat, mostly clay, trace silt, trace wood debris, medium to high plasticity, gray (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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.				