

Boring Designation BI-PB-168-12

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-168-12		LOCATION COORDINATES E = 1,152,128 N = 259,258		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 29.2 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 -29.2 Ft.			
8. TOTAL DEPTH OF BORING 16.6 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
-29.2	0.0				
-29.4	0.2				
-31.0	1.8		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, brownish gray (SP)		
			SAND, clayey, mostly fine-grained sand-sized quartz, trace silt, gray (SC)		
			CLAY, fat, mostly clay, medium to high plasticity, gray to brownish gray (CH)	NS	
-39.4	10.2				
-41.3	12.1		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace wood debris, clayey stringers, brownish gray (SM)		
-42.7	13.5		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, little silt, trace wood debris, lt brown mottled with brown (SP-SM)		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace wood debris, lt. brown to gray (SP)	A	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3461 mm % Fines: 4.1
-45.8	16.6			NS	
			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.		