

Boring Designation BI-PB-222-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-222-12		LOCATION COORDINATES E = 1,131,864 N = 255,677		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		BEARING		13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN N/A				14. WATER DEPTH 22.8 Ft.			
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING 12-13-12		STARTED COMPLETED 12-13-12	
8. TOTAL DEPTH OF BORING 16.6 Ft.				16. ELEVATION TOP OF BORING -23.6 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		
-23.6	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, becomes siltier with depth, pale brown to lt. gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3667 mm % Fines: 1.5		
				B	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3124 mm % Fines: 2.5		
				C	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3064 mm % Fines: 3		
-36.3	12.7						
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, silty band at 14.9 ft., lt. brown (SP-SM)	D	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.2903 mm % Fines: 6.2		
-39.6	16.0						
-40.2	16.6		CLAY, fat, mostly clay, little fine-grained sand-sized quartz, medium to high plasticity, stiff, gray (CH)	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.				