

Boring Designation BI-PB-223-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-223-12		LOCATION COORDINATES E = 1,131,098 N = 255,092		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 25 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-13-12		STARTED COMPLETED 12-13-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -24.7 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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		
-24.7	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, silty bands from 6.0 to 6.5 ft. and at 9.0 ft., lt. gray (SP)	A	Classification: SP Color: 2.5Y 8/1-white D50: 0.2824 mm % Fines: 1.2		
				B	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.1767 mm % Fines: 2.5		
-34.7	10.0						
-36.1	11.4		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, lt. brown (SP-SM)	C	Classification: SP Color: 2.5Y 5/2-grayish brown D50: 0.2397 mm % Fines: 4.4		
-37.2	12.5		SAND, silty, mostly fine-grained sand-sized quartz, some siltstone, trace clay, brown (SM)				
-39.7	15.0		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, some silt, gray (SC)				
			CLAY, fat, mostly clay, medium to high plasticity, stiff, grayish green (CH)	NS			
-44.7	20.0						
			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 determined from 2010				

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,131,098 Y = 255,092			ELEVATION TOP OF BORING -24.7 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			USACE survey.		