

Boring Designation BI-PB-224-12

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-224-12		LOCATION COORDINATES E = 1,130,179 N = 254,434		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83	
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 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 23.8 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-13-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -24.7 Ft.		COMPLETED 12-13-12	
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, lt. gray (SP)	A	Classification: SP Color: 2.5Y 8/1-white D50: 0.3506 mm % Fines: 1
				B	Classification: SP Color: 2.5Y 8/1-white D50: 0.3548 mm % Fines: 0.8
-35.7	11.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace clay, lt. gray to gray (SP-SM)	C	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.2994 mm % Fines: 3.6
-39.7	15.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, gray (SM)	NS	
-43.4	18.7				
-44.7	20.0		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, sandy clay, low to medium plasticity, gray (CL)		
			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.		

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 = 1,130,179 Y = 254,434			ELEVATION TOP OF BORING -24.7 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			3. Seafloor elevation determined from 2010 USACE survey.		