

Boring Designation BI-PB-151-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-151-12		LOCATION COORDINATES E = 1,146,145 N = 253,738		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 35.9 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-12-12		STARTED COMPLETED 12-12-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -35.7 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		
-35.7	0.0						
-37.2	1.5		CLAY, fat, mostly clay, some silt, soft, medium to high plasticity, gray (CH)	NS			
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, few clay stringers, gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3501 mm % Fines: 4.3		
			At El. -40.7 Ft., mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, trace clay stringers, lt. gray	B	Classification: SP Color: 5Y 8/1-white D50: 0.3798 mm % Fines: 2		
-45.5	9.8		CLAY, fat, mostly clay, few fine-grained sand-sized quartz, stiff, trace sandy lenses, greenish gray (CH)	NS			
-55.7	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 = 1,146,145 Y = 253,738			ELEVATION TOP OF BORING -35.7 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			USACE survey.		