

Boring Designation BI-PB-162-12

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-162-12		LOCATION COORDINATES E = 1,154,862 N = 254,331		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 40.6 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-06-12		STARTED COMPLETED 12-06-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -40.1 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
-40.1	0.0				
-41.4	1.3		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few shell fragments, trace silt, trace clay, gray (SP)	A	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.33 mm % Fines: 4.8
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, few silt, trace clayey stringers, gray (SP-SM)	B	Classification: SP Color: 2.5Y 5/2-grayish brown D50: 0.316 mm % Fines: 4.7
				C	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.3059 mm % Fines: 7.8
-55.1	15.0				
-56.8	16.7		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)	NS	
			CLAY, fat, mostly clay, medium to high plasticity, sandy at 16.8 and 18.7 ft., stiff, gray (CH)		
-60.1	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 = 1,154,862 Y = 254,331			ELEVATION TOP OF BORING -40.1 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			USACE survey.		