

Boring Designation BI-PB-200-12

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-200-12		LOCATION COORDINATES E = 1,132,603 N = 254,862		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	
6. THICKNESS OF OVERBURDEN N/A				13. TOTAL NUMBER CORE BOXES			
7. DEPTH DRILLED INTO ROCK N/A				14. WATER DEPTH 25.9 Ft.			
8. TOTAL DEPTH OF BORING 20.0 Ft.				15. DATE BORING STARTED 12-13-12 COMPLETED 12-13-12			
				16. ELEVATION TOP OF BORING -26.1 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		
-26.1	0.0						
-28.1	2.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, trace shell fragments, trace clayey nodules, lt. gray (SP)	A	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3185 mm % Fines: 3		
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, brown (SP-SM)	B	Classification: SP Color: 2.5Y 4/3-olive brown D50: 0.2803 mm % Fines: 2.2		
			At El. -31.1 Ft., mostly fine-grained sand-sized quartz, few silt, interval siltier with depth, lt. gray to lt. brown	C	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.2484 mm % Fines: 2.9		
			At El. -33.1 Ft., mostly fine-grained sand-sized quartz, few silt, siltier between 7 to 8 ft., lt. brown to lt. gray	D	Classification: SP Color: 2.5Y 5/2-grayish brown D50: 0.2966 mm % Fines: 3.1		
-36.1	10.0						
-39.6	13.5		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)				
			CLAY, fat, mostly clay, medium to high plasticity, greenish gray (CH)	NS			
-46.1	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 = 1,132,603 Y = 254,862			ELEVATION TOP OF BORING -26.1 Ft.				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
			USACE survey.				