

Boring Designation BI-PB-177-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 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-177-12		LOCATION COORDINATES E = 1,153,351 N = 253,051		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 40.7 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-19-12		STARTED COMPLETED 12-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -40.3 Ft.			
8. TOTAL DEPTH OF BORING 19.3 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
-40.3	0.0				
-40.7	0.4				
-40.9	0.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, gray (SP)	A	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.3539 mm % Fines: 5.9
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, soft, dark gray (CL)		
-44.6	4.3		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few silt, trace clay, gray (SP-SM)	B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3615 mm % Fines: 1.9
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, gray to light gray (SP)		
			At El. -49.6 Ft., mostly fine to medium-grained sand-sized quartz, trace fines, lt. gray	C	Classification: SP Color: 5Y 7/1-light gray D50: 0.3621 mm % Fines: 0.7
				D	Classification: SP Color: 5Y 7/1-light gray D50: 0.3802 mm % Fines: 1.6
-59.6	19.3				
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 USACE survey.					