

Boring Designation BI-PB-203-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 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-203-12		LOCATION COORDINATES E = 1,135,612 N = 252,154		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 35.1 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -34.4 Ft.		COMPLETED 12-19-12	
8. TOTAL DEPTH OF BORING 19.6 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		
-34.4	0.0						
			CLAY, fat, mostly clay, very soft, slightly sandy, brownish gray (CH)	NS			
-37.4	3.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little coarse-grained sand-sized quartz, little shell fragments, trace fines, gray to lt. pale brown (SP)	A	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3135 mm % Fines: 4.5		
-40.3	5.9						
			SILT, inorganic-L, mostly silt, some fine-grained sand-sized quartz, gray (ML)				
-42.0	7.6						
-42.7	8.3						
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace fines, lt. gray to white (SP)				
			CLAY, fat, mostly clay, trace shell fragments, medium to high plasticity, stiff, greenish gray (CH)	NS			
-54.0	19.6						
			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.				