

Boring Designation BI-PB-205-12

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-205-12		LOCATION COORDINATES E = 1,132,611 N = 252,131		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 32.7 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 -31.8 Ft.		COMPLETED 12-19-12	
8. TOTAL DEPTH OF BORING 19.1 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		
-31.8	0.0						
-34.4	2.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.2473 mm % Fines: 3.9		
-35.1	3.3		SILT, inorganic-L, mostly silt, some clay, some fine-grained sand-sized quartz, brownish gray (ML)	NS			
-39.0	7.2		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, trace shell fragments, trace organic matter, organic staining, lt. brown (SM)	B	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.257 mm % Fines: 6.2		
-46.4	14.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, clayey streaks throughout interval, lt. brown to lt. gray (SP)	C	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3122 mm % Fines: 3.3		
-50.9	19.1		CLAY, fat, mostly clay, medium to high plasticity, few sandy lenses throughout interval, greenish gray (CH)	NS			
			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.				