

Boring Designation BI-PB-152-12

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-152-12		LOCATION COORDINATES E = 1,146,007 N = 254,174		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 33.6 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 12-12-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -32.7 Ft.		COMPLETED 12-12-12	
8. TOTAL DEPTH OF BORING 18.8 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
-32.7	0.0				
-33.9	1.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, trace fines, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.2879 mm % Fines: 2
-35.5	2.8		SILT, inorganic-L, mostly silt, some clay, some fine-grained sand-sized quartz, trace shell fragments, brownish gray (ML)	NS	
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace coarse-grained sand-sized quartz, trace fines, trace shell fragments, lt. gray (SP) At El. -38.6 Ft., mostly fine-grained sand-sized quartz, trace fines, trace shells, dense, lt. gray	B	Classification: SP Color: 5Y 7/2-light gray D50: 0.3404 mm % Fines: 3.1
				C	Classification: SP Color: 5Y 7/1-light gray D50: 0.3417 mm % Fines: 2.5
-43.6	10.9				
-44.7	12.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace organic matter, trace wood debris, brown to dk. brown (SM)	NS	
-46.5	13.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, some silt, gray (SP-SM)	D	Classification: SP-SM Color: 5Y 7/1-light gray D50: 0.2892 mm % Fines: 10.7
-47.3	14.6		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, gray (SC)	NS	
			CLAY, fat, mostly clay, medium to high plasticity, stiff, trace fine grain sand lenses throughout, greenish gray (CH)		
-51.5	18.8				
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.					