

Boring Designation BI-PB-217-12

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-217-12		LOCATION COORDINATES E = 1,150,351 N = 252,848		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 Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibrocure 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 38.9 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 -38.3 Ft.		COMPLETED 12-12-12	
8. TOTAL DEPTH OF BORING 15.7 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
-38.3	0.0				
-38.8	0.5			A	Classification: SP Color: 5Y 7/2-light gray
-39.5	1.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, gray (SP)	NS	D50: 0.3234 mm % Fines: 1.3
			CLAY, fat, mostly clay, medium to high plasticity, band of poorly graded fine grain sand at 0.8 ft., gray (CH)	B	Classification: SP-SM Color: 5Y 7/3-pale yellow
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, lt gray (SP)	C	D50: 0.3352 mm % Fines: 5.9
			At El. -46.1 Ft., mostly fine to medium-grained sand-sized quartz, trace fines, white		Classification: SP Color: 2.5Y 7/2-light gray
			At El. -47.0 Ft., mostly fine-grained sand-sized quartz, some clay, alternating bands (0.2 to 1.0 ft. thick) of poorly-graded, fine-grained sand and medium to high plasticity clay, lt. gray to dark gray	NS	D50: 0.35 mm % Fines: 4.1
-54.0	15.7				
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.					