

# Boring Designation BI-PB-186-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-186-12		LOCATION COORDINATES E = 1,143,075 N = 254,950		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 Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibrocure 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 28.8 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-07-12		STARTED COMPLETED 12-07-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -27.9 Ft.			
8. TOTAL DEPTH OF BORING 18.9 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
-27.9	0.0				
-31.8	3.9		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 5Y 7/3-pale yellow D50: 0.3092 mm % Fines: 1.5
-34.8	6.9		SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace clay, trace shell fragments, clayey band at 6.7 ft., gray (SP)	B	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.2199 mm % Fines: 4.5
-36.6	8.7		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few silt, trace clay, trace shell fragments, gray to lt. gray (SP)	C	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.3275 mm % Fines: 3.3
-46.5	18.6		CLAY, fat, mostly clay, trace shell fragments, medium to high plasticity, very stiff, sandy at 18.4 ft., greenish gray (CH)	NS	
-46.8	18.9				
			SAND, clayey, mostly clay, few fine-grained sand-sized quartz, gray (SC)		
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 calculated using sampling					

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Mobile District		<b>SHEET 2</b> <b>OF 2 SHEETS</b>
<b>PROJECT</b> MsCIP Barrier Island Restoration			<b>COORDINATE SYSTEM/DATUM</b> State Plane, MSE (U.S. Ft.)	<b>HORIZONTAL</b> NAD83	<b>VERTICAL</b> NAVD88
<b>LOCATION COORDINATES</b> X = 1,143,075 Y = 254,950			<b>ELEVATION TOP OF BORING</b> -27.9 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		