

# Boring Designation BI-PBS-068-12

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass-OCS East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PBS-068-12		LOCATION COORDINATES E = 1,147,801 N = 232,732		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 57.8 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 11-19-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -57.9 Ft.		COMPLETED 11-19-12	
8. TOTAL DEPTH OF BORING 19.3 Ft.				17. TOTAL RECOVERY FOR BORING 100%		18. SIGNATURE AND TITLE OF INSPECTOR John Bass, Geotechnical Engineer	
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-57.9	0.0						
-61.8	3.9		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few shell fragments, trace fines, gray (SP)	A	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3374 mm % Fines: 2.7		
-68.6	10.7		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, gray (SC)	NS			
-77.2	19.3		CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, medium plasticity, gray (CH)  At El. -74.9 Ft., mostly clay, few organic matter, gray and brown mottled At El. -75.4 Ft., mostly clay, high plasticity, very stiff, dark gray				
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 vessel's fathometer water depth reading and							

<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 = 1,147,801 Y = 232,732			<b>ELEVATION TOP OF BORING</b> -57.9 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			applying NOAA tidal gauge data conversion factor.		