

# Boring Designation BI-PBS-113-12

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-113-12		LOCATION COORDINATES E = 1,135,613 N = 235,577		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 51 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 01-12-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -50.8 Ft.		COMPLETED 01-12-13	
8. TOTAL DEPTH OF BORING 20.2 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
-50.8	0.0				
-56.0	5.2		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace fines, shelly at 2.0 ft., gray (SP)	A	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.2966 mm % Fines: 2.6
-59.7	8.9		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few silt, trace shell fragments, gray (SC)	B	Classification: SM Color: 5Y 5/1-gray D50: 0.2354 mm % Fines: 16
-60.3	9.5		CLAY, lean, mostly clay, some fine-grained sand-sized quartz, low to medium plasticity, gray (CL)	NS	
-68.5	17.7		SAND, clayey, mostly fine-grained sand-sized quartz, some clay, few silt, few shell fragments, gray (SC)		
-71.0	20.2		SAND, silty, mostly fine-grained sand-sized quartz, some silt, few shell fragments, trace clay, gray (SM)		
			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 USACE		

<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 = 1,135,613 Y = 235,577			<b>ELEVATION TOP OF BORING</b> -50.8 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			hydrographic survey completed April 2014.		