

# Boring Designation BI-PBS-002-12

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-002-12		LOCATION COORDINATES E = 1,138,053 N = 231,827		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 Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibracore 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 50.9 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-26-12		STARTED COMPLETED 11-26-12	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -50.2 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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
-50.2	0.0				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, shell fragments in interval 0-2.7 ft., greenish gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.22 mm % Fines: 1.6
				B	Classification: SP Color: 5Y 6/2-light olive gray D50: 0.21 mm % Fines: 3.9
-58.0	7.8				
			SAND, clayey, mostly fine-grained sand-sized quartz, some clay, trace shell fragments, greenish gray (SC)		
-59.7	9.5				
			CLAY, lean, mostly clay, some sand, trace shell fragments, greenish gray (CL)		
-61.7	11.5				
			CLAY, fat, mostly clay, moderately stiff with some clayey sand nodules, greenish gray mottled with brown (CH)	NS	
-66.7	16.5				
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace clay, trace shell fragments, gray (SM)		
-68.6	18.4				
			CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, trace wood debris, moderately stiff, gray (CH)		
-70.2	20.0				
			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.		

<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 = 1,138,053 Y = 231,827			<b>ELEVATION TOP OF BORING</b> -50.2 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			3. Seafloor elevation determined from USACE hydrographic survey completed April 2014.		