

# Boring Designation BI-PBS-128-13

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-128-13		LOCATION COORDINATES E = 1,137,627 N = 236,738		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 Construction Solutions International, Inc.				12. TOTAL SAMPLES 3		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 57 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-30-13		COMPLETED 11-30-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -56.7 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 19.2 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-56.7	0.0						
			SAND, silty, mostly fine-grained sand-sized quartz, little shell, medium brown and medium gray (SM)	A	Classification: SM    Color: 2.5Y 5/1-gray D50: 0.187 mm    % Fines: 16.1		
				B	Classification: SP-SM    Color: 2.5Y 5/1-gray D50: 0.243 mm    % Fines: 11.8		
-65.5	8.8						
-66.7	10.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, lt. brown (SP)	C	Classification: SP-SM    Color: 2.5Y 6/1-gray D50: 0.21 mm    % Fines: 11		
			CLAY, lean, few wood at depth of 10.7 ft., medium to lt. brown (CL)				
-70.7	14.0						
			SILT, inorganic-L, lt. brown (ML)	NS			
-74.5	17.8						
-75.9	19.2		CLAY, fat, lt. brown (CH)				
			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 applying NOAA tidal gauge data conversion				

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Mobile District		<b>SHEET 2</b> <b>OF 2 SHEETS</b>
			<b>COORDINATE SYSTEM/DATUM</b> State Plane, MSE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83
<b>PROJECT</b> MsCIP Barrier Island Restoration					
<b>LOCATION COORDINATES</b> X = 1,137,627 Y = 236,738			<b>ELEVATION TOP OF BORING</b> -56.7 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			factor.		