

# Boring Designation BI-PBS-380-13

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 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-380-13		LOCATION COORDINATES E = 1,137,169 N = 233,049		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 Construction Solutions International, Inc.				12. TOTAL SAMPLES 2		DISTURBED 2 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 55.6 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 02-22-14		STARTED 02-22-14 COMPLETED 02-22-14	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.1 Ft.			
8. TOTAL DEPTH OF BORING 18.5 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-52.1	0.0						
			SAND, poorly-graded, mostly fine to coarse-grained sand-sized quartz, little shell fragments, lt. gray (SP)	A	Classification: SP Color: 2.5Y 6/1-gray D50: 0.399 mm % Fines: 1.1		
-55.0	2.9						
-56.1	4.0		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, high fines content, medium gray (SM)	B	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.204 mm % Fines: 9.6		
-58.0	5.9		SAND, clayey, mostly fine-grained sand-sized quartz, few shell fragments, medium gray (SC)	NS			
			CLAY, fat, discontinue shell fragments, sandy, firm, pale orange, pale green (CH)				
-63.1	11.0						
-64.6	12.5		CLAY, lean, trace shell fragments, sandy, medium gray (CL)				
-66.5	14.4		SAND, clayey, mostly fine to medium-grained sand-sized quartz, little shell fragments, medium gray (SC)				
			CLAY, fat, hard, medium gray (CH)				
-70.6	18.5						
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 hydrographic survey completed April 2014.							