

Boring Designation BI-PBS-122-13

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-122-13		LOCATION COORDINATES E = 1,135,969 N = 232,825		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 48 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-01-13		STARTED 12-01-13 COMPLETED 12-01-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -48.0 Ft.			
8. TOTAL DEPTH OF BORING 17.4 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		
-48.0	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace coarse-grained quartz sand, lt. gray (SP)	A	Classification: SP Color: GLEY1 10Y 6/1- D50: 0.246 mm % Fines: 2.5		
-53.0	5.0		SAND, silty, mostly fine-grained sand-sized quartz, little shell, medium gray (SM)	B	Classification: SP-SM Color: GLEY1 10Y 5/1- D50: 0.185 mm % Fines: 11.9		
-56.4	8.4		CLAY, fat, little pockets of silty sand, 1-inch thick, upper 4 feet of strata, light greenish gray (CH)	NS			
-65.4	17.4						
			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.				