

# Boring Designation BI-PBS-379-13

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-379-13		LOCATION COORDINATES E = 1,134,184 N = 232,600		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		DISTURBED 1 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 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 02-22-14 COMPLETED 02-22-14	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -53.3 Ft.			
8. TOTAL DEPTH OF BORING 18.3 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		
-53.3	0.0						
			SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, medium gray (SM) At El. -54.9 Ft., high fines content to base of unit, few shell fragments	A	Classification: SP Color: 2.5Y 6/1-gray D50: 0.216 mm % Fines: 2.5		
-57.8	4.5						
-58.8	5.5		SILT, inorganic-L, few shell fragments, sandy, medium gray (ML)				
-60.2	6.9		CLAY, silty, few shell fragments, medium gray (CL-ML)				
			CLAY, lean, trace wood fragments, sandy between 13.4 and 14.3 ft. depths, firm to depth of 17.0 ft., soft to depth of 18.3 ft., medium gray (CL)	NS			
-71.6	18.3						
			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.				