

# Boring Designation BI-PB-140-11

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-140-11		LOCATION COORDINATES E = 1,149,808 N = 252,155		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 3		DISTURBED 3 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 38 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-01-11		STARTED 07-01-11 COMPLETED 07-01-11	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -37.7 Ft.			
8. TOTAL DEPTH OF BORING 19.4 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Michele Johnson, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-37.7	0.0						
-39.9	2.2		SAND, poorly-graded, mostly quartz, dark gray (SP)	A	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2568 mm % Fines: 9.1		
			SAND, silty, mostly fine-grained sand-sized quartz, lt. gray (SM)	B	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3158 mm % Fines: 3.9		
			At El. -43.5 Ft., mostly fine-grained sand-sized quartz, lt. gray	C	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.2991 mm % Fines: 3.9		
				NS			
-57.1	19.4						
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 2010 USACE survey.							