

# Boring Designation BI-PB-100-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS				
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A						
2. BORING DESIGNATION BI-PB-100-10		LOCATION COORDINATES E = 1,131,777 N = 254,357		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		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES						
		BEARING		14. WATER DEPTH 25 Ft.						
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-03-10		COMPLETED 08-03-10				
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -26.4 Ft.						
8. TOTAL DEPTH OF BORING 13.0 Ft.				17. TOTAL RECOVERY FOR BORING 100%						
				18. SIGNATURE AND TITLE OF INSPECTOR Chris Gillentine, Geologist						
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS					
-26.4	0.0									
-27.9	1.5		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, gray (SP) SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, dark brown (SP)	A	Classification: SP Color: 2.5Y 4/2-dark grayish brown D50: 0.3007 mm % Fines: 4.7					
-31.4	5.0					SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, tan (SP)	B	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.2993 mm % Fines: 6.5		
-35.4	9.0								SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, gray (SP)	C
-38.4	12.0									
-39.4	13.0		CLAY, fat, gray (CH)	NS						
			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.							