

# Boring Designation BI-PB-078-10

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-078-10		LOCATION COORDINATES E = 1,134,784 N = 247,092		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 Vibracore		<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 08-05-10		STARTED 08-05-10 COMPLETED 08-05-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -38.1 Ft.			
8. TOTAL DEPTH OF BORING 18.5 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		
-38.1	0.0						
-40.1	2.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace shell fragments, dark gray (SP)	A	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2775 mm % Fines: 6		
-45.1	7.0		CLAY, fat, trace fine-grained sand-sized quartz, dark gray (CH)	NS			
-51.6	13.5		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	B	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2008 mm % Fines: 6.9		
				C	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.1569 mm % Fines: 18.3		
-56.6	18.5		CLAY, fat, dark 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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.				