

Boring Designation BI-PB-035-10

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-035-10		LOCATION COORDINATES E = 1,138,721 N = 252,855		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 30 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-19-10		STARTED 07-19-10 COMPLETED 07-19-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -30.0 Ft.			
8. TOTAL DEPTH OF BORING 18.0 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		
-30.0	0.0						
-31.0	1.0		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, trace shell fragments, dark brown (SM) SAND, silty, mostly medium-grained sand-sized quartz, some silt, dark brown (SM)	A	Classification: SP Color: 10Y 5/3- D50: 0.3441 mm % Fines: 2		
-35.0	5.0						
-40.0	10.0						
			SAND, silty, mostly medium-grained sand-sized quartz, some silt, tannish brown (SM)	B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3141 mm % Fines: 1.1		
			CLAY, fat, dark gray (CH)	NS			
-48.0	18.0						
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.							