

Boring Designation BI-PB-018-10

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-018-10		LOCATION COORDINATES E = 1,138,415 N = 255,697		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 2		DISTURBED 0 UNDISTURBED (UD)	
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 27 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-09-10		STARTED 07-09-10 COMPLETED 07-09-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -26.8 Ft.			
8. TOTAL DEPTH OF BORING 15.8 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Valerie Morrow, Geotechnical Engineer			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-26.8	0.0						
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, lt. brown (SP)	A	Classification: SP Color: 10YR 6/2-light brownish gray D50: 0.309 mm % Fines: 3.4		
				B	Classification: SP Color: 10YR 6/2-light brownish gray D50: 0.3036 mm % Fines: 4.1		
-33.4	6.6						
			CLAY, fat, trace fine-grained sand-sized quartz, dk. blue gray (CH) At El. -33.8 Ft., dk. blue gray	NS			
-42.6	15.8						
			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.				