

Boring Designation BI-PB-053-10

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-053-10		LOCATION COORDINATES E = 1,149,681 N = 251,438		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 4		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 39 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-07-10		STARTED 08-07-10 COMPLETED 08-07-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -37.1 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		
-37.1	0.0						
-40.1	3.0		SAND, poorly-graded, dark gray (SP)	A	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.2292 mm % Fines: 25.3		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	B	Classification: SP Color: 2.5Y 8/1-white D50: 0.2843 mm % Fines: 3.1		
				C	Classification: SP Color: 2.5Y 8/1-white D50: 0.25 mm % Fines: 4.1		
				D	Classification: SP-SM Color: 2.5Y 8/1-white D50: 0.2058 mm % Fines: 6.3		
-55.1	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.				