

Boring Designation BI-PB-038-10

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-038-10		LOCATION COORDINATES E = 1,142,128 N = 252,720		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 4		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 35 Ft.	
6. THICKNESS OF OVERBURDEN N/A		7. DEPTH DRILLED INTO ROCK N/A		15. DATE BORING 07-28-10		STARTED 07-28-10	
8. TOTAL DEPTH OF BORING 18.5 Ft.				16. ELEVATION TOP OF BORING -34.4 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		
-34.4	0.0						
-35.9	1.5		CLAY, lean, dark gray (CL)	NS			
			SAND, poorly-graded, trace shell fragments, lt. gray (SP)	A	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.2511 mm % Fines: 6.7		
				B	Classification: SP Color: 2.5Y7/2- D50: 0.2721 mm % Fines: 2.6		
				C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3004 mm % Fines: 3		
				D	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3073 mm % Fines: 3.3		
-52.9	18.5						
			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.				