

Boring Designation BI-PB-137-11

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-137-11		LOCATION COORDINATES E = 1,147,898 N = 253,783		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 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			
		BEARING		14. WATER DEPTH 32 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-30-11		STARTED 06-30-11 COMPLETED 06-30-11	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.7 Ft.			
8. TOTAL DEPTH OF BORING 16.9 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Michele Johnson, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-31.7	0.0						
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace shell fragments, trace organic matter, lt. gray (SP)	A	Classification: SP Color: 5Y 7/1-light gray D50: 0.2881 mm % Fines: 2.9		
-35.7	4.0		SAND, poorly-graded with silt, some fine to medium-grained sand-sized, lt. gray (SP-SM)	B	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2613 mm % Fines: 6.6		
			At El. -39.7 Ft., some fine to medium-grained sand-sized, lt. gray	C	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3004 mm % Fines: 4.9		
-43.7	12.0		SAND, poorly-graded, trace medium-grained sand-sized, gray (SP)	D	Classification: SP Color: 2.5Y 8/1-white D50: 0.2937 mm % Fines: 4.4		
-48.6	16.9						
			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 determined from 2010 USACE survey.				