

Boring Designation BI-PB-138-11

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-138-11		LOCATION COORDINATES E = 1,149,013 N = 253,235		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 5		DISTURBED 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 37.5 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-30-11		STARTED 06-30-11	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -36.3 Ft.		COMPLETED 06-30-11	
8. TOTAL DEPTH OF BORING 18.5 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		
-36.3	0.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, lt. gray (SP)	A	Classification: SP-SM Color: 5Y 6/1-gray D50: 0.289 mm % Fines: 8.6		
			At El. -41.3 Ft., trace shell fragments, lt. gray	B	Classification: SP Color: 5Y 6/1-gray D50: 0.3247 mm % Fines: 3.2		
-46.3	10.0		SAND, poorly-graded with silt, trace fine to medium-grained sand-sized, gray (SP-SM)	C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3269 mm % Fines: 2.9		
-51.3	15.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, dark gray (SP)	D	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.3135 mm % Fines: 5.7		
-54.8	18.5		At El. -52.8 Ft., mostly medium-grained sand-sized quartz, dark gray	E	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.266 mm % Fines: 11.4		
			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.				