

# Boring Designation BI-PB-022-10

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-022-10		LOCATION COORDINATES E = 1,146,771 N = 255,731		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 33 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-10-10		STARTED 07-10-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.9 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 18.6 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Valerie Morrow, Geotechnical Engineer			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-31.9	0.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	A	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3445 mm % Fines: 2.6		
				B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3622 mm % Fines: 2.3		
-42.5	10.6		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, lt. gray (SM)	C	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3345 mm % Fines: 6.5		
				D	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3895 mm % Fines: 10.1		
-48.9	17.0						
-50.5	18.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	E	Classification: SP-SM Color: 2.5Y 8/1-white D50: 0.3815 mm % Fines: 5.8		
			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 determined from 2010 USACE survey.				