

Boring Designation BI-PB-142-11

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-142-11		LOCATION COORDINATES E = 1,154,108 N = 252,717		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		DISTURBED 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 41 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-01-11		STARTED 07-01-11	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -39.9 Ft.		COMPLETED 07-01-11	
8. TOTAL DEPTH OF BORING 15.1 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		
-39.9	0.0						
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, gray (SP-SM)	NS			
-43.9	4.0			A	Classification: SP-SM Color: 5Y 6/2-light olive gray D50: 0.3546 mm % Fines: 6.1		
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, gray (SP-SM)	B	Classification: SP Color: 5Y 5/2-olive gray D50: 0.3862 mm % Fines: 4.6		
-48.9	9.0			C	Classification: SP-SM Color: 5Y 5/2-olive gray D50: 0.3635 mm % Fines: 7.5		
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, gray (SP)	D	Classification: SP Color: 5Y 6/1-gray D50: 0.3628 mm % Fines: 4		
-55.0	15.1		At El. -51.9 Ft., mostly medium-grained sand-sized quartz, gray				
			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.				