

# Boring Designation BI-PB-144-11

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-144-11		LOCATION COORDINATES E = 1,155,524 N = 255,866		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				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 35 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 -33.1 Ft.		COMPLETED 07-01-11	
8. TOTAL DEPTH OF BORING 16.2 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		
-33.1	0.0						
			SAND, poorly-graded, mostly coarse-grained sand-sized quartz, gray (SP)	A	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.2664 mm % Fines: 7.1		
-37.1	4.0		SAND, poorly-graded with silt, trace shell fragments, dark gray (SP-SM)	B	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2519 mm % Fines: 5.9		
			At El. -41.1 Ft., trace clay, dark gray	C	Classification: SM Color: 2.5Y 5/1-gray D50: 0.2399 mm % Fines: 18.8		
			At El. -45.1 Ft., mostly medium-grained sand-sized quartz, dark gray	D	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.3375 mm % Fines: 17.9		
-49.3	16.2		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.				