

# Boring Designation BI-PB-047-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-047-10		LOCATION COORDINATES E = 1,139,034 N = 251,372		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 2		DISTURBED 2 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 36 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-06-10		STARTED 08-06-10 COMPLETED 08-06-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -35.0 Ft.			
8. TOTAL DEPTH OF BORING 18.0 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Chris Gillentine, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-35.0	0.0						
-37.0	2.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, gray (SP)	A	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.3398 mm % Fines: 2.1		
-41.0	6.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, gray (SP)	B	Classification: SM Color: 2.5Y 4/2-dark grayish brown D50: 0.1913 mm % Fines: 23.4		
-53.0	18.0		CLAY, fat, dark gray (CH)	NS			
			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.				