

Boring Designation BI-PB-104-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-104-10		LOCATION COORDINATES E = 1,130,296 N = 251,226		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 33 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-04-10		STARTED 08-04-10 COMPLETED 08-04-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -32.6 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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		
-32.6	0.0						
-34.6	2.0		CLAY, fat, trace fine-grained sand-sized quartz, trace shell fragments, dark gray (CH)	NS			
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, dark brown (SP) At El. -36.6 Ft., mostly quartz, trace silt, lt. gray	A	Classification: SM Color: 2.5Y 4/2-dark grayish brown D50: 0.1621 mm % Fines: 20.8		
-40.6	8.0			B	Classification: SM Color: 2.5Y 3/2-very dark grayish brown D50: 0.1077 mm % Fines: 37.5		
-48.6	16.0		CLAY, fat, trace fine-grained sand-sized quartz, gray (CH)	NS			
-51.6	19.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, gray (SP)				
-52.6	20.0		CLAY, fat, gray (CH)				
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							

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,130,296 Y = 251,226			ELEVATION TOP OF BORING -32.6 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		