

# Boring Designation BI-PB-122-10

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-122-10		LOCATION COORDINATES E = 1,151,118 N = 257,165		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 4		DISTURBED 0 UNDISTURBED (UD)	
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 30 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-31-10		STARTED 07-31-10 COMPLETED 07-31-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.5 Ft.			
8. TOTAL DEPTH OF BORING 18.5 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		
-31.5	0.0						
-32.5	1.0		CLAY, fat, dark gray (CH)	NS			
			SAND, well-graded, mostly fine-grained sand-sized quartz, lt. gray (SW)	A	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.3165 mm % Fines: 5.5		
				B	Classification: SM Color: 2.5Y 7/1-light gray D50: 0.259 mm % Fines: 12.8		
				C	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3229 mm % Fines: 6.5		
-47.5	16.0			D	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3342 mm % Fines: 4.3		
-50.0	18.5		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 determined from 2010 USACE survey.				