

Boring Designation BI-PB-114-10

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-114-10		LOCATION COORDINATES E = 1,148,606 N = 255,746		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 07-30-10		STARTED 07-30-10 COMPLETED 07-30-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.1 Ft.			
8. TOTAL DEPTH OF BORING 19.0 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		
-31.1	0.0						
-33.1	2.0		SAND, poorly-graded, trace silt, dark gray (SP)				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, lt. gray (SP)	A	Classification: SM Color: 5Y 5/2-olive gray D50: 0.2271 mm % Fines: 26.9		
				B	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3357 mm % Fines: 6.7		
-41.1	10.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, dark gray (SP)	C	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.33 mm % Fines: 6.6		
				D	Classification: SM Color: 2.5Y 6/1-gray D50: 0.3039 mm % Fines: 13.8		
-50.1	19.0						
			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.				