

Boring Designation BI-PB-133-11

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-133-11		LOCATION COORDINATES E = 1,132,513 N = 253,727		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 3		DISTURBED 0 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 29.5 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-30-11		STARTED 06-30-11 COMPLETED 06-30-11	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -28.3 Ft.			
8. TOTAL DEPTH OF BORING 18.4 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		
-28.3	0.0						
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace shell fragments, From 2.3 to 5 tan to brown, gray (SP)	A	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.2741 mm % Fines: 6.6		
-32.3	4.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, lt. gray (SP)	B	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.2848 mm % Fines: 3.6		
-36.3	8.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, some sand, lt. gray (SP)	C	Classification: SP Color: 2.5Y 6/2-light brownish gray D50: 0.2854 mm % Fines: 2.8		
				NS			
-46.7	18.4						
			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.				