



Boring Designation BI-PB-101-10

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-101-10		LOCATION COORDINATES E = 1,133,423 N = 254,374		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 Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Construction Solutions International, Inc.				12. TOTAL SAMPLES 3		DISTURBED 3 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 27 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 -27.9 Ft.			
8. TOTAL DEPTH OF BORING 16.0 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
-27.9	0.0				
		 SAND, poorly-graded, mostly medium-grained sand-sized quartz, dark brown (SP) At El. -34.9 Ft., lt. tan	A	Classification: SP Color: 2.5Y 3/3-dark olive brown D50: 0.3773 mm % Fines: 1.4	
			B	Classification: SP-SM Color: 2.5Y 2.5/1-black D50: 0.2789 mm % Fines: 5.5	
-37.9	10.0	 CLAY, fat, dark gray (CH)	C	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.2862 mm % Fines: 5.4	
			NS		
-43.9	16.0				
			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.		