

# Boring Designation BI-PB-028-10

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-028-10		LOCATION COORDINATES E = 1,142,088 N = 254,513		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 32 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-16-10		STARTED 07-16-10 COMPLETED 07-16-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.6 Ft.			
8. TOTAL DEPTH OF BORING 18.6 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR John Baehr, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-31.6	0.0						
			SAND, poorly-graded, mostly fine-grained sand-sized quartz, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2468 mm % Fines: 1.7		
				B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2646 mm % Fines: 1.9		
				C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2917 mm % Fines: 2.5		
				D	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3289 mm % Fines: 1.8		
-50.2	18.6						
			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 vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.				