

# Boring Designation BI-PB-029-10

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-029-10		LOCATION COORDINATES E = 1,143,583 N = 254,505		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		DISTURBED 1 UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 30 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING		STARTED 07-16-10 COMPLETED 07-16-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -29.6 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 11.5 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR John Baehr, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-29.6	0.0						
-31.0	1.4		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, lt. gray (SP)	A	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.3235 mm % Fines: 1.2		
-32.6	3.0		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, trace shell fragments, interbedded SP and SM layers, lt. gray (SP-SM)				
			CLAY, lean, gray (CL)	NS			
-41.1	11.5						
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.							