

# Boring Designation BI-PB-033-10

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-033-10		LOCATION COORDINATES E = 1,151,187 N = 254,380		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83	
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 5		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 37 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-12-10		COMPLETED 07-12-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -37.1 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 19.1 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR John Baehr, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-37.1	0.0						
-39.1	2.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, lt. gray (SP)	A	Classification: SP Color: 2.5Y 6/1-gray D50: 0.3669 mm % Fines: 3.9		
-48.1	11.0		SAND, silty, mostly fine-grained sand-sized quartz, some silt, gray (SM)	B	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.3303 mm % Fines: 7		
-50.4	13.3		SAND, poorly-graded, mostly fine-grained sand-sized quartz, lt. gray (SP)	D	Classification: SP Color: 2.5Y 6/1-gray D50: 0.3221 mm % Fines: 3.8		
-56.2	19.1		SAND, silty, mostly fine-grained sand-sized quartz, some silt, gray (SM)	E	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.3212 mm % Fines: 8		
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.							