

Boring Designation BI-PB-016-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-016-10		LOCATION COORDINATES E = 1,150,827 N = 255,753		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				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 34 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-26-10		STARTED 06-26-10 COMPLETED 06-26-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -32.7 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 20.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Marty Gates, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-32.7	0.0						
-35.2	2.5		SAND, silty, mostly medium-grained sand-sized quartz, some silt, brown (SM)	A	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.304 mm % Fines: 7.8		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace clay, white (SP)	B	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3312 mm % Fines: 6.8		
				C	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3364 mm % Fines: 5.1		
-47.7	15.0		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, brown (SM)	D	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.3067 mm % Fines: 7.4		
-52.7	20.0						
			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				

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2 OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,150,827 Y = 255,753			ELEVATION TOP OF BORING -32.7 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			USACE survey.		