

Boring Designation BI-PB-015-10

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-015-10		LOCATION COORDINATES E = 1,152,285 N = 252,108		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 2		DISTURBED 2 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 42 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 -40.7 Ft.			
8. TOTAL DEPTH OF BORING 19.1 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Marty Gates, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-40.7	0.0		CLAY, lean, dark gray (CL)	NS			
-45.4	4.7		SAND, poorly-graded, mostly medium-grained sand-sized quartz, trace silt, lt. gray (SP)	A	Classification: SP Color: 2.5Y 8/1-white D50: 0.3772 mm % Fines: 1.5		
-52.8	12.1			B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.35 mm % Fines: 1.9		
-55.5	14.8		CLAY, lean, dark gray (CL)	NS			
-59.8	19.1		SAND, silty, mostly medium-grained sand-sized quartz, some silt, gray (SM)	NS			
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							

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 = 1,152,285 Y = 252,108			ELEVATION TOP OF BORING -40.7 Ft.				
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
			factor.				