

Boring Designation BI-PB-004-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-004-10		LOCATION COORDINATES E = 1,128,185 N = 247,301		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 Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Construction Solutions International, Inc.				12. TOTAL SAMPLES 3		DISTURBED 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 43 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-25-10		COMPLETED 06-25-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -41.4 Ft.			
8. TOTAL DEPTH OF BORING 20.0 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		
-41.4	0.0		CLAY, lean, dark gray (CL)	NS			
-49.4	8.0		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, gray (SM)	A	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.2455 mm % Fines: 16.2		
-53.4	12.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, little silt, lt. gray (SP)	B	Classification: SM Color: 2.5Y 6/2-light brownish gray D50: 0.1947 mm % Fines: 12.1		
-59.1	17.7		SAND, silty, mostly fine to medium-grained sand-sized quartz, some silt, gray (SM)	C	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.1898 mm % Fines: 19.1		
-61.4	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 calculated using sampling				

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 = 1,128,185 Y = 247,301			ELEVATION TOP OF BORING -41.4 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		