

Boring Designation BI-PB-026-10

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-026-10		LOCATION COORDINATES E = 1,137,521 N = 254,424		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		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 07-19-10		COMPLETED 07-19-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -30.5 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 20.0 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Chris Gillentine, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-30.5	0.0				
-32.1	1.6		SAND, silty, mostly fine-grained sand-sized quartz, some silt, brown (SM)	A	Classification: SP-SM Color: 2.5Y 3/2-very dark grayish brown D50: 0.2776 mm % Fines: 6
-32.5	2.0		SAND, silty, mostly medium-grained sand-sized quartz, some silt, dk. brown (SM)	B	Classification: SP-SM Color: 2.5Y 4/2-dark grayish brown D50: 0.2524 mm % Fines: 6.5
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, brown (SP)	C	Classification: SP Color: 2.5Y 5/2-grayish brown D50: 0.2625 mm % Fines: 3.9
-42.5	12.0		CLAY, fat, gray (CH)	NS	
-50.5	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 = 1,137,521 Y = 254,424			ELEVATION TOP OF BORING -30.5 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			USACE survey.		