

Boring Designation BI-PB-121-10

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-121-10		LOCATION COORDINATES E = 1,149,586 N = 257,136		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 4		DISTURBED 0 UNDISTURBED (UD)	
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 29 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-31-10		STARTED 07-31-10 COMPLETED 07-31-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -30.9 Ft.			
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Chris Gillentine, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-30.9	0.0						
			SAND, well-graded, mostly fine-grained sand-sized quartz, lt. gray (SW)	A	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2825 mm % Fines: 4.6		
				B	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.2726 mm % Fines: 10.4		
				C	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3128 mm % Fines: 6.2		
-45.9	15.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	D	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3051 mm % Fines: 6.1		
-50.9	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 = 1,149,586 Y = 257,136			ELEVATION TOP OF BORING -30.9 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			USACE survey.		