

Boring Designation BI-PB-031-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 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-031-10		LOCATION COORDINATES E = 1,146,749 N = 254,381		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		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES			
		BEARING		14. WATER DEPTH 29 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-12-10		STARTED 07-12-10 COMPLETED	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -28.8 Ft.			
8. TOTAL DEPTH OF BORING 18.4 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR John Baehr, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-28.8	0.0				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, tan (SP)	A	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.2805 mm % Fines: 6.2
-32.8	4.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, some shell fragments, gray (SP)	B	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.3229 mm % Fines: 6.2
-35.8	7.0		SAND, poorly-graded, mostly medium-grained sand-sized quartz, lt. gray (SP)	C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3751 mm % Fines: 3
-37.5	8.7				
			SAND, silty, mostly fine-grained sand-sized quartz, some silt, trace shell fragments, gray (SM)	D	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.3258 mm % Fines: 8.9
-41.7	12.9				
			CLAY, lean, occ. sand pockets, gray (CL)	NS	
-47.2	18.4				
			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 USACE survey.		