

Boring Designation BI-PB-032-10

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-032-10		LOCATION COORDINATES E = 1,149,700 N = 254,347		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 5		DISTURBED 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 34 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-12-10		STARTED 07-12-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -34.5 Ft.		COMPLETED 07-12-10	
8. TOTAL DEPTH OF BORING 19.8 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
-34.5	0.0				
-35.0	0.5			NS	Classification: SP-SM Color: 10YR 6/2-light brownish gray
-35.6	1.1		SAND, clayey, trace shell fragments, dark gray (SC)	A	D50: 0.3755 mm % Fines: 5.4
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, gray (SP)		
			SAND, poorly-graded with silt, lt. gray (SP-SM)	B	Classification: SP-SM Color: 2.5Y 7/2-light gray D50: 0.3764 mm % Fines: 6.8
				C	Classification: SP Color: 10YR 8/2-very pale brown D50: 0.4244 mm % Fines: 4.6
				D	Classification: SP Color: 2.5Y 7/2-light gray D50: 0.4576 mm % Fines: 3
-50.3	15.8				
			SAND, poorly-graded, mostly medium-grained sand-sized quartz, lt. gray (SP)	E	Classification: SP Color: 2.5Y 8/1-white D50: 0.4827 mm % Fines: 4
-54.3	19.8				
			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.		