

Boring Designation BI-PB-109-10

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-109-10		LOCATION COORDINATES E = 1,144,572 N = 254,430		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 3		DISTURBED 3 UNDISTURBED (UD) 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 32 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 07-29-10		STARTED 07-29-10 COMPLETED 07-29-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -33.6 Ft.			
8. TOTAL DEPTH OF BORING 16.5 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
-33.6	0.0				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell, lt. gray (SP)	A	Classification: SP Color: 5Y 7/2-light gray D50: 0.3721 mm % Fines: 2.5
-40.6	7.0		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.334 mm % Fines: 2.4
			At El. -46.6 Ft., trace silt, dark gray	C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.3316 mm % Fines: 2.8
-50.1	16.5			NS	
			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.		