

Boring Designation BI-PBS-124-13

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass-OCS East				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PBS-124-13		LOCATION COORDINATES E = 1,133,046 N = 234,126		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 46 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 12-01-13		COMPLETED 12-01-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -45.5 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 18.7 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-45.5	0.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, some shell, lt. gray (SP)	A	Classification: SP Color: GLEY1 10Y 7/1- D50: 0.306 mm % Fines: 1.8		
				B	Classification: SP Color: GLEY1 10Y 7/1- D50: 0.362 mm % Fines: 1.5		
-53.3	7.8						
			SAND, silty, mostly fine-grained sand-sized quartz, little shell, medium gray (SM)	C	Classification: SP-SM Color: GLEY1 10Y 5/1- D50: 0.193 mm % Fines: 9.2		
-56.0	10.5						
			CLAY, lean, sandy CL-CH, orangish gray down to 13.9 ft. over lt. greenish gray (CL)	NS			
-64.2	18.7						
			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 USACE hydrographic survey completed April 2014.				