

Boring Designation BI-PBS-120-13

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-120-13		LOCATION COORDINATES E = 1,135,247 N = 233,851		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 Vibrocure		<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 49 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 -48.1 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 18.4 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-48.1	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: 0.342 mm % Fines: 1.7		
				B	Classification: SP Color: GLEY1 10Y 6/1- D50: 0.31 mm % Fines: 1.9		
-54.1	6.0						
			SAND, silty, mostly fine-grained sand-sized quartz, few shell, medium gray (SM)	C	Classification: SP-SM Color: GLEY1 10Y 5/1- D50: 0.194 mm % Fines: 11.1		
-56.2	8.1						
			CLAY, lean, sandy, medium gray (CL)	NS			
-63.4	15.3						
-64.1	16.0		SAND, clayey, medium gray (SC)				
			CLAY, lean, sandy, medium gray (CL)				
-66.5	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 USACE hydrographic survey completed April 2014.				