

Boring Designation BI-PBS-127-13

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-127-13		LOCATION COORDINATES E = 1,136,897 N = 237,452		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 6		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 55 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-30-13		COMPLETED 11-30-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -54.9 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 16.6 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-54.9	0.0						
-55.9	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, lt. brown (SP)	A	Classification: SP Color: 2.5Y 6/1-gray D50: 0.204 mm % Fines: 3.8		
-59.1	4.2		SAND, silty, clayey, mostly fine-grained sand-sized quartz, few wood fragments at depth of 3.6 ft., brownish gray (SC-SM)	B	Classification: SM Color: GLEY1 10Y 5/1- D50: 0.162 mm % Fines: 23.4		
-65.6	10.7		SAND, silty, mostly fine-grained sand-sized quartz, few wood fragments at depth of 6.4 ft., brownish gray (SM)	C	Classification: SM Color: 2.5Y 6/1-gray D50: 0.233 mm % Fines: 14.6		
-67.6	12.7		SAND, poorly-graded, mostly fine-grained sand-sized quartz, lt. brown (SP)	D	Classification: SP-SM Color: 2.5Y 7/1-light gray D50: 0.167 mm % Fines: 8.7		
-70.8	15.9		SAND, silty, clayey, mostly fine-grained sand-sized quartz, brownish gray (SC-SM)	E	Classification: SM Color: 2.5Y 6/1-gray D50: 0.149 mm % Fines: 23.8		
-71.5	16.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. brown (SP)	F	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.389 mm % Fines: 10.8		
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 calculated using sampling vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.				NS			