

Boring Designation BI-PBS-131-13

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 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-131-13		LOCATION COORDINATES E = 1,136,650 N = 238,444		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 Vibrocure		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Construction Solutions International, Inc.				12. TOTAL SAMPLES 6		DISTURBED 0 UNDISTURBED (UD)	
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 55 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 11-30-13		STARTED 11-30-13 COMPLETED 11-30-13	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -55.3 Ft.			
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-55.3	0.0						
			SAND, silty, mostly fine-grained sand-sized quartz, medium brown (SM)	A	Classification: SM Color: 2.5Y 5/1-gray D50: 0.198 mm % Fines: 15.6		
-58.3	3.0						
			SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, medium brown (SP-SM)	B	Classification: SM Color: 2.5Y 5/1-gray D50: 0.138 mm % Fines: 19.1		
-63.3	8.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, medium brown to 12 ft., lt. brown to 14 ft. (SP)	C	Classification: SM Color: 2.5Y 6/1-gray D50: 0.208 mm % Fines: 14		
				D	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.34 mm % Fines: 3		
			At El. -69.3 Ft., mostly medium-grained sand-sized quartz, lt. brown	E	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.405 mm % Fines: 1.4		
				F	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.488 mm % Fines: 1.5		
-75.3	20.0						
			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				

DRILLING LOG (Cont. Sheet)			INSTALLATION Mobile District		SHEET 2
					OF 2 SHEETS
PROJECT MsCIP Barrier Island Restoration			COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)	HORIZONTAL NAD83	VERTICAL NAVD88
LOCATION COORDINATES X = 1,136,650 Y = 238,444			ELEVATION TOP OF BORING -55.3 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		