

# Boring Designation BI-PBS-132-13

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-132-13		LOCATION COORDINATES E = 1,136,226 N = 237,794		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 5		DISTURBED 5 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 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 -55.1 Ft.			
8. TOTAL DEPTH OF BORING 16.1 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		
-55.1	0.0						
-56.1	1.0		SAND, poorly-graded, mostly fine-grained sand-sized quartz, medium gray (SP)	A	Classification: SP-SM Color: GLEY1 10Y 6/1- D50: 0.223 mm % Fines: 6.5		
			SAND, silty, mostly fine-grained sand-sized quartz, few wood fragments at 1.2 to 1.8 ft., medium gray to 4 ft., grayish brown to 5.5 ft., lt. brown to 9 ft. (SM)	B	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.213 mm % Fines: 11		
				C	Classification: SM Color: 2.5Y 6/1-gray D50: 0.255 mm % Fines: 15.1		
-64.1	9.0						
-65.3	10.2		SAND, poorly-graded, mostly fine-grained sand-sized quartz, lt. gray (SP)	D	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.153 mm % Fines: 11.2		
-67.1	12.0		SAND, silty, mostly fine-grained sand-sized quartz, little shell fragments, lt. gray (SM)	E	Classification: SM Color: 2.5Y 5/1-gray D50: 0.124 mm % Fines: 27.4		
			SAND, clayey, little shell fragments to 14 ft., lt. gray (SC)	NS			
-71.2	16.1						
			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.				