

Boring Designation BI-PBS-326-13

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-326-13		LOCATION COORDINATES E = 1,131,355 N = 239,567		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		DISTURBED 1	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		UNDISTURBED (UD) 0	
6. THICKNESS OF OVERBURDEN N/A				14. WATER DEPTH 53.3 Ft.		15. DATE BORING 02-10-14	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -52.6 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 17.6 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-52.6	0.0				
-54.1	1.5		SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, medium greenish gray (SM)	A	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.204 mm % Fines: 10
-58.8	6.2		SAND, silty, clayey, mostly fine-grained sand-sized quartz, few shell fragments, medium greenish gray (SC-SM)	NS	
-59.4	6.8				
-60.1	7.5		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, medium gray (SM)		
-62.6	10.0		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, trace shell fragments, lt. gray (SP-SM)		
-67.2	14.6		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, medium gray (SM) SILT, inorganic-L, trace shell fragments, interbedded with CL lenses, medium gray (ML)		
-70.2	17.6		CLAY, lean, trace shell fragments, sandy, firm, medium gray (CL)		
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.					