

Boring Designation BI-PBS-327-13

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-327-13		LOCATION COORDINATES E = 1,130,315 N = 240,232		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		DISTURBED 0	
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		52.3 Ft.	
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 02-10-14	
8. TOTAL DEPTH OF BORING 19.8 Ft.				16. ELEVATION TOP OF BORING		COMPLETED 02-10-14	
				17. TOTAL RECOVERY FOR BORING		100%	
				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-51.4	0.0				
-51.9	0.5				
-53.2	1.8		SAND, poorly-graded with silt, mostly fine-grained sand-sized quartz, few shell fragments, lt. greenish gray (SP-SM)		
			SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, high fines content, medium gray (SM)		
-57.4	6.0		SAND, silty, clayey, mostly fine-grained sand-sized quartz, few shell fragments, slightly plastic, medium gray (SC-SM)		
			SAND, clayey, mostly fine-grained sand-sized quartz, discontinue shell fragments, interbedded with numerous CL lenses, medium to dark gray (SC)		
-61.2	9.8			NS	
			CLAY, lean, sandy, firm; hard at base, medium to dark gray (CL)		
-71.2	19.8				
			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 determined from USACE hydrographic survey completed April 2014.		