

Boring Designation BI-PBS-328-13

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-328-13		LOCATION COORDINATES E = 1,130,422 N = 239,589		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 2		DISTURBED 2 UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 50 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 02-10-14		STARTED 02-10-14 COMPLETED 02-10-14	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -48.8 Ft.		17. TOTAL RECOVERY FOR BORING 100%	
8. TOTAL DEPTH OF BORING 19.9 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-48.8	0.0						
-49.6	0.8		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few shell fragments, lt. greenish gray (SP)	A	Classification: SP Color: 2.5Y 6/1-gray D50: 0.301 mm % Fines: 1.8		
-52.3	3.5		SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, high fines content at 3.0 ft. depth, medium greenish gray (SM)	B	Classification: SP Color: 2.5Y 5/1-gray D50: 0.232 mm % Fines: 3.9		
-54.8	6.0		SAND, clayey, mostly fine-grained sand-sized quartz, few shell fragments, medium greenish gray (SC)	NS			
-56.2	7.4		CLAY, lean, trace shell fragments, sandy, trace wood from 4.6 to 4.8 ft. depths, medium to dark gray (CL)				
-58.2	9.4		SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, high fines content, medium to dark gray (SM)				
-60.2	11.4		SAND, clayey, mostly fine-grained sand-sized quartz, few shell fragments, high fines content, medium to dark gray (SC)				
-65.8	17.0		SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, high fines content, medium to dark gray (SM)				
-68.7	19.9		CLAY, lean, trace shell fragments, sandy, interbeds of SC, 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							

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 = 1,130,422 Y = 239,589			ELEVATION TOP OF BORING -48.8 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			hydrographic survey completed April 2014.		