

# Boring Designation BI-PBS-329-13

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-329-13		LOCATION COORDINATES E = 1,131,275 N = 238,901		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 50.4 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 -49.1 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		
-49.1	0.0						
-49.4	0.3						
-50.8	1.7		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, few shell fragments, lt. gray (SP)	A	Classification: SP-SM Color: GLEY1 10Y 6/1- D50: 0.223 mm % Fines: 9.1		
-52.5	3.4		SAND, silty, mostly fine-grained sand-sized quartz, few shell fragments, high fines content, lt. greenish gray (SM)	NS			
-53.8	4.7		SAND, clayey, mostly fine-grained sand-sized quartz, few shell fragments, medium greenish gray (SC)				
-54.3	5.2		CLAY, lean, trace shell fragments, soft, medium greenish gray (CL)				
-58.6	9.5		SAND, silty, clayey, mostly fine-grained sand-sized quartz, trace shell fragments, medium greenish gray (SC-SM)				
-61.2	12.1		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, high fines content, medium greenish gray (SM)				
-63.4	14.3		SAND, silty, clayey, mostly fine-grained sand-sized quartz, trace shell fragments, high fines content, medium greenish gray (SC-SM)	B			
-66.7	17.6		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, pale brown (SM)				
			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.				