

# Boring Designation BI-PBS-325-13

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-325-13		LOCATION COORDINATES E = 1,132,189 N = 238,647		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 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 50.7 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 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 18.4 Ft.				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			

  

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-49.1	0.0				
-51.0	1.9		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: 0.339 mm % Fines: 1.9
-51.2	2.1				
-52.1	3.0		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, medium greenish gray (SM)	NS	
-54.0	4.9		SAND, clayey, mostly fine-grained sand-sized quartz, few shell fragments, medium dark greenish gray (SC)		
-55.1	6.0				
-55.6	6.5		CLAY, lean, sandy, soft, medium dark greenish gray (CL)	B	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.269 mm % Fines: 6.8
			SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, dark greenish gray (SM)		
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace shell fragments, lt. brown (SP)		
-61.6	12.5		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, medium brown (SM)	NS	
-65.1	16.0		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, trace shell fragments, lt. brown (SP-SM)		
-67.5	18.4		SAND, silty, mostly fine-grained sand-sized quartz, trace shell fragments, lt. brown and medium gray (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.		