

Boring Designation BI-PBS-384-13

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-384-13		LOCATION COORDINATES E = 1,133,493 N = 239,180		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 4		UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. WATER DEPTH 56.3 Ft.	
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 02-22-14		STARTED 02-22-14	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -53.6 Ft.		COMPLETED 02-22-14	
8. TOTAL DEPTH OF BORING 17.5 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Tom Powers, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-53.6	0.0						
-55.9	2.3		SAND, silty, mostly fine-grained sand-sized quartz, trace CL at 0.8 ft. and at 1.9 ft. High fines content below 1.0 ft., medium gray (SM)	A	Classification: SM Color: 2.5Y 5/1-gray D50: 0.279 mm % Fines: 19.7		
-56.5	2.9		CLAY, lean, firm, subhorizontal sand-filled voids, medium gray (CL)	NS			
			SAND, silty, mostly fine-grained sand-sized quartz, slightly plastic to 3.2 ft. depth, medium gray (SM)	B	Classification: SP-SM Color: 2.5Y 5/1-gray D50: 0.251 mm % Fines: 11.7		
				C	Classification: SP-SM Color: 2.5Y 6/1-gray D50: 0.231 mm % Fines: 8.9		
-67.3	13.7						
-71.1	17.5		SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, fewer fines below 15.2 ft., trace wood from 14.0 to 14.2 ft., trace CL from 15.2 to 15.3 ft., lt. gray (SP-SM)	D	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.222 mm % Fines: 3.9		
			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.				