

Boring Designation BI-PB-068-10

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 2 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-068-10		LOCATION COORDINATES E = 1,131,651 N = 248,301		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 3	
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		36 Ft.	
7. DEPTH DRILLED INTO ROCK N/A				15. DATE BORING		STARTED 08-05-10	
8. TOTAL DEPTH OF BORING 20.0 Ft.				16. ELEVATION TOP OF BORING		COMPLETED 08-05-10	
				17. TOTAL RECOVERY FOR BORING		100%	
				18. SIGNATURE AND TITLE OF INSPECTOR		Chris Gillentine, Geologist	
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-34.9	0.0						
			CLAY, fat, trace fine-grained sand-sized quartz, trace shell fragments, dark gray (CH)	NS			
-41.9	7.0						
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz (SP)	A	Classification: SM Color: 2.5Y 5/2-grayish brown D50: 0.1633 mm % Fines: 16		
			At El. -43.9 Ft., mostly fine to medium-grained sand-sized quartz, lt. gray	B	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.255 mm % Fines: 2.5		
				C	Classification: SP Color: 2.5Y 7/1-light gray D50: 0.2504 mm % Fines: 4.4		
-54.9	20.0						
			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 calculated using sampling				

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 = 1,131,651 Y = 248,301			ELEVATION TOP OF BORING -34.9 Ft.		
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
			vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		