

# Boring Designation BI-PB-099-10

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-099-10		LOCATION COORDINATES E = 1,133,367 N = 252,679		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 Vibracore		<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		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES			
		BEARING		14. WATER DEPTH 30 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 08-03-10		STARTED 08-03-10 COMPLETED 08-03-10	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.9 Ft.			
8. TOTAL DEPTH OF BORING 20.0 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Chris Gillentine, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-31.9	0.0						
-32.9	1.0		CLAY, fat, dark gray (CH)	NS			
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, lt. gray (SP)	A	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.301 mm % Fines: 5.5		
				B	Classification: SP-SM Color: 2.5Y 6/2-light brownish gray D50: 0.2822 mm % Fines: 5.4		
-41.9	10.0		CLAY, fat, dark gray (CH)				
				NS			
-51.9	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 determined from 2010				

<b>DRILLING LOG (Cont. Sheet)</b>			<b>INSTALLATION</b> Mobile District		<b>SHEET 2</b> <b>OF 2 SHEETS</b>
<b>PROJECT</b> MsCIP Barrier Island Restoration			<b>COORDINATE SYSTEM/DATUM</b> State Plane, MSE (U.S. Ft.)	<b>HORIZONTAL</b> NAD83	<b>VERTICAL</b> NAVD88
<b>LOCATION COORDINATES</b> X = 1,133,367 Y = 252,679			<b>ELEVATION TOP OF BORING</b> -31.9 Ft.		
<b>ELEV.</b>	<b>DEPTH</b>	<b>LEGEND</b>	<b>CLASSIFICATION OF MATERIALS</b>	<b>SAMPLE</b>	<b>LABORATORY RESULTS</b>
			USACE survey.		