

# Boring Designation BI-PB-170-12

<b>DRILLING LOG</b>		<b>DIVISION</b> South Atlantic	<b>INSTALLATION</b> Mobile District	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> MsCIP Barrier Island Restoration Petit Bois Pass- AL East		<b>9. SIZE AND TYPE OF BIT</b> N/A		
<b>2. BORING DESIGNATION</b> BI-PB-170-12		<b>10. COORDINATE SYSTEM/DATUM</b> State Plane, MSE (U.S. Ft.)		<b>HORIZONTAL</b> NAD83
<b>3. DRILLING AGENCY</b> Corps of Engineers - CESAM		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Vibracore		<b>VERTICAL</b> NAVD88
<b>4. NAME OF DRILLER</b> American Vibracore Systems, Inc.		<b>12. TOTAL SAMPLES</b>		
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>13. TOTAL NUMBER CORE BOXES</b>		<b>14. WATER DEPTH</b> 31.7 Ft.
<b>6. THICKNESS OF OVERBURDEN</b> N/A		<b>15. DATE BORING</b>		<b>16. ELEVATION TOP OF BORING</b> -31.4 Ft.
<b>7. DEPTH DRILLED INTO ROCK</b> N/A		<b>17. TOTAL RECOVERY FOR BORING</b> 100%		<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> Mike FitzHarris, Geologist
<b>8. TOTAL DEPTH OF BORING</b> 11.5 Ft.				

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS
-31.4	0.0				
-31.6	0.2				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, lt. gray (SP)		
			CLAY, fat, mostly clay, trace fine-grained sand-sized quartz, medium to high plasticity, medium stiff, greenish gray to gray (CH)		
			At El. -36.3 Ft., mostly clay, little silt, high plasticity, stiff, few green silty bands, lt. gray mottled with brown and green	NS	
-40.1	8.7				
			SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, trace silt, gray w/lt. brown streaking (SP)		
-42.6	11.2				
-42.9	11.5				
			CLAY, lean, mostly clay, some fine-grained sand-sized quartz, sandy, low to medium plasticity, greenish gray (CL)		
			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 vessel's fathometer water depth reading and applying NOAA tidal gauge data conversion factor.		