

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> OF 1 SHEETS
<b>1. PROJECT</b> Charlotte Co			<b>9. SIZE AND TYPE OF BIT</b> 4.0 In.	
<b>2. BORING DESIGNATION</b> CH-12-VC-5			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 523,030.3 Y = 917,047.4			<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>CONTRACTOR FILE NO.</b>	
<b>4. NAME OF DRILLER</b> American Vibracore			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> <b>AUTO HAMMER</b> Electric Vibracore <input type="checkbox"/> <b>MANUAL HAMMER</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>			<b>12. TOTAL SAMPLES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> 01-16-13 <b>COMPLETED</b> 01-16-13	
			<b>16. ELEVATION TOP OF BORING</b> -36.8 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 15 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b>	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-36.8	0.0					
-38.8	2.0		Fine grained quartz sand with some fine to medium grained shell fragments. Trace gravel-sized shells to 1". Gradational contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.37, Phi Sorting: 1.39 Fines (230): 0.20% (SW)
-42.1	5.3		Interbedded fine grained quartz sand and fine grained quartz sand with coarse shell hash. Increasing silt content with depth. Coarse to gravel-sized shell from 3.2'-3.8'. Gradational contact, light gray (5Y 7/1) to, gray (5Y-6/1), (SW).		2	Sample #2, Depth = 3.0' - 3.3' Mean (mm): 0.72, Phi Sorting: 1.77 Fines (230): 4.73% (SW)
-44.8	8.0		Fine grained quartz sand with silt and some gravel-sized shell fragments. Possibly estuarine in nature. Increasing silt content with depth. Mottled with burrows filled with underlying layer from 7'-8'. Gradational contact, gray (5Y-5/1), (SM W/ GRAVEL).		3	Sample #3, Depth = 6.0' - 6.3' Mean (mm): 0.83, Phi Sorting: 2.13 Fines (230): 12.08%
-45.8	9.0		Peaty mud. Mottled with burrows filled with adjacent layers. Gradational contact, black (10YR-2/1), (PT).			
-50.9	14.1		Fine grained quartz sand with silt. Lightening in color with depth. Few shell fragments. Gradational contact, very dark gray (10YR 3/1) to, brown (10YR-5/3), (SM).			
-51.8	15.0		Limestone marl. Mottled with burrows filled with above layer, white (5Y-8/1), (LS).			
			End of Boring			

FLORIDA DEP ROSS 2013-2-19 CHARLOTTE.GPJ FL DEP ROSS.GDT 3/8/13