

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<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-6			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 524,752.9 Y = 917,041.9			<b>HORIZONTAL</b> NAD 1983 <b>VERTICAL</b> NAVD 88	
<b>3. DRILLING AGENCY</b> American Vibracore Services		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER		
<b>CONTRACTOR FILE NO.</b>		<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b>		
<b>4. NAME OF DRILLER</b> American Vibracore			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>14. ELEVATION GROUND WATER</b>	
<b>DEG. FROM VERTICAL</b> <b>BEARING</b>			<b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b> 01-16-13 01-16-13	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -35.8 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 18.3 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 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
-35.8	0.0					
			Interbedded fine grained quartz sand and fine grained quartz sand with abundant shell fragments. Gradational contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 1.0' - 1.3' Mean (mm): 0.41, Phi Sorting: 1.26 Fines (230): 0.17% (SW)
-41.4	5.6				2	Sample #2, Depth = 4.5' - 4.8' Mean (mm): 0.45, Phi Sorting: 1.23 Fines (230): 0.31% (SW)
-45.6	9.8		Fine grained quartz sand with silt and some gravel-sized shell fragments. Increasing silt content with depth. Gradational contact, gray (5Y-5/1), (SM).		3	Sample #3, Depth = 6.5' - 6.8' Mean (mm): 0.49, Phi Sorting: 1.95 Fines (230): 17.10%
-48.5	12.7		Sand with silt and mottled with mud-filled burrows. Some peaty mud. Variable color throughout. Gradational contact, very dark gray (5Y 3/1) to, olive gray (5Y-5/2), (SM).			
-54.2	18.4		Limestone marl, partially lithified. Some sand from 13.7'-14.1', white (5Y-8/1), (LS).			
			End of Boring			

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