

<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-2			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 532,735 Y = 920,519.1			<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>VERTICAL</b> NAVD 88	
<b>4. NAME OF DRILLER</b> American Vibracore			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>12. TOTAL SAMPLES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>DISTURBED</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>UNDISTURBED (UD)</b>	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>13. TOTAL NUMBER CORE BOXES</b>	
			<b>14. ELEVATION GROUND WATER</b>	
			<b>15. DATE BORING</b> <b>STARTED</b> 01-16-13 <b>COMPLETED</b> 01-16-13	
			<b>16. ELEVATION TOP OF BORING</b> -29.3 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 19.7 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
-29.3	0.0					
-31.9	2.6		Fine grained quartz sand with some fine to medium grained blackened shell hash. Gradational contact, light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.31, Phi Sorting: 0.82 Fines (230): 0.07% (SP)
-32.7	3.4		Fine grained quartz sand with some medium to coarse grained shell fragments and few gravel-sized shells. Abrupt contact, light gray (5Y-7/2), (SW).		2	Sample #2, Depth = 3.0' - 3.3' Mean (mm): 0.66, Phi Sorting: 1.65 Fines (230): 0.57% (SW)
-33.6	4.3		Fine grained quartz sand with little silt. Abrupt contact, gray (5Y-6/1), (SW-SM).		3	Sample #3, Depth = 3.5' - 4.0' Mean (mm): 0.23, Phi Sorting: 0.98 Fines (230): 6.17%
-36.3	7.0		Interbedded fine grained quartz sand and coarse shell hash. Gradational contact, light gray (5Y 7/1) to, gray (5Y-6/1), (SW).		4	Sample #4, Depth = 6.0' - 6.3' Mean (mm): 0.27, Phi Sorting: 0.94 Fines (230): 0.51% (SW)
-39.8	10.5		Fine grained quartz sand and silt with some coarse to gravel-sized shell. Increasing silt content with depth. Gradational contact, gray (5Y-5/1), (SW-SM).		5	Sample #5, Depth = 8.0' - 8.3' Mean (mm): 0.67, Phi Sorting: 1.90 Fines (230): 10.15%
-44.0	14.7		Fine grained quartz sand with increasing silt with depth. Some coarse to gravel-sized shell fragments. Darkening with depth. Contact obscured by cut, very dark gray (5Y 3/1) to, black (5Y-2.5/1), (SM).			
-45.8	16.5		Fine grained quartz sand with silt. Decreasing silt content with depth. Lightening in color with depth. Gradational contact, grayish brown (2.5Y 5/2) to, dark grayish brown (2.5Y-4/2), (SM-SC).			
-48.9	19.6		Very fine grained sand with decreasing silt content with depth, gray (5Y-6/1), (SP-SM).			
			End of Boring			

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