

<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-3			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 526,867.8 Y = 920,876.3			<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>15. DATE BORING</b> <b>STARTED</b> 01-16-13 <b>COMPLETED</b> 01-16-13	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -34.3 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 15.4 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
-34.3	0.0					
-36.4	2.1		Fine grained quartz sand with abundant coarse to medium grained shell fragments. Gradational contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 1.0' - 1.3' Mean (mm): 0.34, Phi Sorting: 1.02 Fines (230): 0.38% (SW)
-38.9	4.6		Fine grained quartz sand with some coarse to medium grained shell fragments. 2" well at 4.1'. Increasing silt content with depth. Gradational contact, gray (5Y-6/1), (SW-SM).		2	Sample #2, Depth = 3.0' - 3.3' Mean (mm): 0.45, Phi Sorting: 1.74 Fines (230): 11.20%
-39.8	5.5		Limestone reef material in matrix of poorly sorted fine grained quartz sand with some blackened shell fragments. Gradational contact, gray (5Y-6/1), (LS).			
-42.5	8.2		Fine grained quartz sand with some fine to medium grained blackened shell hash. Abrupt contact, light gray (5Y-7/1), (SW).			
-42.9	8.6					
-43.4	9.1		Limestone reef material in matrix of poorly sorted fine grained quartz sand with some blackened shell fragments. Gradational contact, gray (5Y-6/1), (LS).			
-44.3	10.0		Fine grained quartz sand with some fine to medium grained blackened shell hash. Abrupt contact, light gray (5Y-7/1), (SW).			
-47.3	13.0		Limestone reef material in matrix of poorly sorted fine grained quartz sand with some blackened shell fragments. Gradational contact, gray (5Y-6/1), (LS).			
-49.7	15.4		Medium grained quartz sand with some blackened shell fragments. Trace limestone cobbles. Increasing silt content with depth. Abrupt contact, light gray (5Y-7/1), (SW).			
			Fine grained quartz sand with increasing silt content with depth, pale olive (5Y 6/3) to, dark gray (5Y-4/1), (SM).			
			End of Boring			

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