

<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-8			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 521,393.1 Y = 914,902			<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> -38.3 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 13.4 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
-38.3	0.0					
			Fine grained quartz sand. Trace fine grained shell fragments. Contact obscured by cut, light gray (5Y-7/2), (SW).		1	Sample #1, Depth = 1.0' - 1.3' Mean (mm): 0.20, Phi Sorting: 0.88 Fines (230): 3.44% (SW)
-41.7	3.4		Fine grained quartz sand with little silt. Increasing silt content with depth. Layer of shell at 4.3'. Abrupt contact, light olive gray (5Y-6/2), (SP-SM).		2	Sample #2, Depth = 3.8' - 4.1' Mean (mm): 0.17, Phi Sorting: 0.80 Fines (230): 10.16%
-43.5	5.2		Fine grained quartz sand with some silt and abundant medium to coarse grained shell fragments. Some gravel-sized shell fragments. Gradational contact, light gray (5Y-7/2), (SW-SM W/ GRAVEL).			
-45.0	6.7		Fine grained quartz sand with some silt and gravel-sized shell fragments. Gradational contact, gray (5Y-5/1), (SM W/ GRAVEL).			
-45.5	7.2		Fine grained quartz sand with some silt and abundant medium to coarse grained shell fragments. Some gravel-sized shell fragments. Gradational contact, light gray (5Y-7/2), (SW-SM W/ GRAVEL).			
-45.9	7.6		Fine grained quartz sand with abundant medium to coarse grained shell and some gravel-sized shell. Some very fine grained, possibly carbonate silt. Decreasing shell content with depth, light gray (5Y-7/1), (SM W/ GRAVEL).			
-47.3	9.0		Fine grained quartz sand with abundant silt (possibly carbonate). Some limestone gravel, trace limestone cobble. Some blackened shell (possibly phosphate). Large limestone cobble at 12.5' (3.5"), light gray (5Y-7/1), (SM-SC).			
-51.6	13.3		End of Boring			

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