

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b>
1. PROJECT Charlotte Co		9. SIZE AND TYPE OF BIT 4.0 In.		
2. BORING DESIGNATION CH-12-VC-7		10. COORDINATE SYSTEM/DATUM Florida State Plane West		
3. DRILLING AGENCY American Vibracore Services		11. MANUFACTURER'S DESIGNATION OF DRILL Electric Vibracore		
4. NAME OF DRILLER American Vibracore		12. TOTAL SAMPLES		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		13. TOTAL NUMBER CORE BOXES		
6. THICKNESS OF OVERBURDEN 0.0 Ft.		14. ELEVATION GROUND WATER		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING 01-16-13		
8. TOTAL DEPTH OF BORING 20.0 Ft.		16. ELEVATION TOP OF BORING -35.2 Ft.		
		17. TOTAL RECOVERY FOR BORING 19.5 Ft.		
		18. SIGNATURE AND TITLE OF INSPECTOR		

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-35.2	0.0					
			Fine grained quartz sand with some fine to medium grained shell fragments interbedded with coarse shell hash. Trace gravel-sized shells to 1". Silt lamina at 3.8'. Abrupt contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.37, Phi Sorting: 1.32 Fines (230): 0.16% (SW)
-39.5	4.3		Fine grained quartz sand with some silt and abundant medium to coarse grained shell fragments. Some gravel-sized shell. Increasing silt content with depth. Gradational contact, gray (5Y-6/1), (SW).		2	Sample #2, Depth = 3.0' - 3.3' Mean (mm): 0.25, Phi Sorting: 0.81 Fines (230): 0.26% (SP)
-42.5	7.3		Limestone cobbles in a matrix of above layer. Gradational contact, olive gray (5Y-5/2), (LS).		3	Sample #3, Depth = 5.0' - 5.3' Mean (mm): 0.61, Phi Sorting: 1.92 Fines (230): 3.95% (SW)
-43.0	7.8		Fine grained quartz sand with some silt and abundant medium to gravel-sized shells. Whole welks to 1.5". Limestone cobble at base (3"). Gradational contact, dark gray (5Y-4/1), (SM W/ GRAVEL).			
-46.2	11.0		Fine grained quartz sand with abundant silt. Trace limestone marl. gradational contact, gray (5Y-5/1), (SM-SC).			
-48.7	13.5		Fine grained quartz sand with some silt and heavily mottled with limestone marl, gray (5Y-6/1), (SC-GC).			
-54.7	19.5		End of Boring			

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