

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT Charlotte Co		9. SIZE AND TYPE OF BIT 4.0 In.		
2. BORING DESIGNATION CH-12-VC-13		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 STARTED 01-16-13 COMPLETED 01-16-13		
8. TOTAL DEPTH OF BORING 20.0 Ft.		16. ELEVATION TOP OF BORING -32.3 Ft.		
		17. TOTAL RECOVERY FOR BORING 17.7 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
-32.3	0.0					
-33.5	1.2		Fine grained quartz sand with few fine to medium grained shell fragments. Abrupt contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.40, Phi Sorting: 1.02 Fines (230): 0.04% (SW)
-34.0	1.7		Shell hash, some blackened. Some fine grained quartz sand. Abrupt contact, gray (5Y-6/1), (SW).		2	Sample #2, Depth = 1.3' - 1.5' Mean (mm): 0.59, Phi Sorting: 1.47 Fines (230): 0.16% (SW)
-37.8	5.5		Fine grained quartz sand with some fine to medium grained shell fragments, some blackened. Abrupt contact, light gray (5Y-7/1), (SP).		3	Sample #3, Depth = 4.5' - 4.8' Mean (mm): 0.26, Phi Sorting: 0.84 Fines (230): 0.14% (SP)
-38.3	6.0		Fine grained quartz sand with abundant blackened medium to coarse grained shell fragments and some gravel-sized shell. Gradational contact, gray (5Y-6/1), (SW).		4	Sample #4, Depth = 6.5' - 6.8' Mean (mm): 0.25, Phi Sorting: 1.10 Fines (230): 0.39% (SW)
-39.8	7.5		Fine grained quartz sand with few medium grained shell fragments. Some fragments are blackened. Silt lamina from 4.5'-4.7'. Gradational contact, light gray (5Y-7/1), (SW).		5	Sample #5, Depth = 8.5' - 8.8' Mean (mm): 0.19, Phi Sorting: 1.01 Fines (230): 6.32%
-43.2	10.9		Fine grained quartz sand with some silt. Gradational contact, light olive gray (5Y-6/2), (SW-SM).			
-46.0	13.7		Fine grained quartz sand with abundant silt and coarse grained shell fragments. Some gravel-sized shells. Increasing shell content with depth. Gradational contact, light olive gray (5Y-6/2), (SM W/ GRAVEL).			
-46.5	14.2		Limestone marl in matrix of silt and abundant coarse shell fragments. Cobble sized limestone and bivalve fragments. Gradational contact, gray (5Y-6/1), (LS).			
-47.0	14.7		Fine grained quartz sand with abundant white silt and medium to coarse grained white shell hash. Bivalve cobble to 2.5". Gradational contact, white (5Y-8/1), (SM W/ GRAVEL).			
-48.0	15.7		Limestone cobbles in silt and shell hash matrix, gray (5Y-6/1), (LS).			
-49.5	17.2		Fine grained quartz sand with abundant silt. Some coarse shell fragments. Decreasing shell content with depth. Bivalve cobble (3.5" at 15.5', light gray (5Y-7/1), (SM W/ GRAVEL).			
-50.0	17.7		Fine grained quartz sand with some silt. Iron staining, pale yellow (5Y 7/4) to, (5Y-6/5), (SM).			
			End of Boring			

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