

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-3		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 -34.3 Ft.		
		17. TOTAL RECOVERY FOR BORING 15.4 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
-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" welk 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		Limestone reef material in matrix of poorly sorted fine grained quartz sand with some blackened shell fragments. Gradational contact, gray (5Y-6/1), (LS).			
-43.4	9.1		Fine grained quartz sand with some fine to medium grained blackened shell hash. Abrupt contact, light gray (5Y-7/1), (SW).			
-44.3	10.0		Limestone reef material in matrix of poorly sorted fine grained quartz sand with some blackened shell fragments. Gradational contact, gray (5Y-6/1), (LS).			
-47.3	13.0		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).			
-49.7	15.4		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