

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Charlotte Co			9. SIZE AND TYPE OF BIT 4.0 In.	
2. BORING DESIGNATION CH-12-VC-1			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
LOCATION COORDINATES X = 526,968.7 Y = 923,608.4			HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services			VERTICAL NAVD 88	
4. NAME OF DRILLER American Vibracore			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			12. TOTAL SAMPLES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			DISTURBED	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			UNDISTURBED (UD)	
8. TOTAL DEPTH OF BORING 20.0 Ft.			13. TOTAL NUMBER CORE BOXES	
			14. ELEVATION GROUND WATER	
			15. DATE BORING STARTED 01-16-13 COMPLETED 01-16-13	
			16. ELEVATION TOP OF BORING -26.7 Ft.	
			17. TOTAL RECOVERY FOR BORING 17 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
-26.7	0.0					
			Fine grained quartz sand with some medium grained blackened shell fragments. Few larger shell fragments. Gradational contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 1.0' - 1.3' Mean (mm): 0.40, Phi Sorting: 0.97 Fines (230): 0.02% (SW)
					2	Sample #2, Depth = 4.0' - 4.3' Mean (mm): 0.34, Phi Sorting: 0.88 Fines (230): 0.14% (SW)
					3	Sample #3, Depth = 7.0' - 7.3' Mean (mm): 0.33, Phi Sorting: 0.88 Fines (230): 0.04% (SW)
-35.7	9.0					
-36.3	9.6		Fine grained quartz sand with some fine to medium grained shell fragments(some blackened). Some gravel-sized shell. Gradational contact, light gray (5Y-7/1), (SW WITH GRAVEL).		4	Sample #4, Depth = 9.2' - 9.5' Mean (mm): 0.70, Phi Sorting: 2.04 Fines (230): 1.08% (SW)
-37.1	10.4				5	Sample #5, Depth = 10.0' - 10.3' Mean (mm): 0.19, Phi Sorting: 0.73 Fines (230): 7.41%
-38.3	11.6		Very fine grained quartz sand with few fine grained blackened shell fragments. Little silt. Abrupt contact, light olive gray (5Y-6/2), (SP-SM).			
-40.1	13.4		Partially lithified limestone marl with abundant coarse to gravel sized shells. Gradational contact, white (5Y-8/1), (LS).			
			Limestone reef material in a matrix of fine grained quartz sand with abundant medium grained shell fragments. Gradational contact, gray (5Y-6/1), (LS).			
-43.7	17.0		Fine grained quartz sand with some fine to medium grained shell fragments, light gray (5Y-7/1), (SW).			
			End of Boring			

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