

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-12			10. COORDINATE SYSTEM/DATUM Florida State Plane West	HORIZONTAL NAD 1983
LOCATION COORDINATES X = 523,079 Y = 905,154.5			VERTICAL NAVD 88	
3. DRILLING AGENCY American Vibracore Services		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibracore		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.		BEARING	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 17.2 Ft.		16. ELEVATION TOP OF BORING -37.3 Ft.		
		17. TOTAL RECOVERY FOR BORING 13.7 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
-37.3	0.0					
			Medium to coarse grained shell hash. Some fine grained quartz sand. Gradational contact, gray (5Y-6/1), (SW).		1	Sample #1, Depth = 1.0' - 1.3' Mean (mm): 0.59, Phi Sorting: 1.22 Fines (230): 0.24% (SW)
-40.8	3.5				2	Sample #2, Depth = 4.0' - 4.3' Mean (mm): 0.29, Phi Sorting: 0.84 Fines (230): 0.35% (SP)
-42.5	5.2		Fine grained quartz sand with some fine to medium grained shell fragments. Gradational contact, light gray (5Y-7/1), (SP).		3	Sample #3, Depth = 5.5' - 5.8' Mean (mm): 0.44, Phi Sorting: 1.30 Fines (230): 1.12% (SW)
-43.5	6.2		Fine grained quartz sand with abundant medium to coarse grained shell fragments, light gray (5Y-7/1), (SW).		4	Sample #4, Depth = 7.0' - 7.3' Mean (mm): 0.76, Phi Sorting: 2.16 Fines (230): 8.88%
-44.0	6.7		Fine grained quartz sand. Gradational contact, light gray (5Y-7/1), (SP).		5	Sample #5, Depth = 7.5' - 7.8' Mean (mm): 0.41, Phi Sorting: 1.73 Fines (230): 13.59%
-44.6	7.3		Fine grained quartz sand with abundant coarse and some gravel-sized shell fragments. Trace silt. Gradational contact, gray (5Y-6/1), (SW-SM W/ GRAVEL).			
-46.4	9.1					
-46.8	9.5		Fine grained quartz sand with some medium to gravel-sized shell fragments. Abrupt contact, light gray (5Y-7/2), (SM).			
-49.0	11.7		Limestone cobble in a silt matrix, light gray (5Y-7/1), (LS).			
-51.0	13.7		Fine silt with abundant gravel-sized shells. Little fine grained quartz sand. Limestone gravel at top of layer. Abrupt contact, white (2.5Y-8/1), (SM W/ GRAVEL).			
			Fine grained quartz sand with some fine to medium grained shell fragments. Some blackened shell (possibly phosphate), light gray (5Y-7/1), (SW).			
			End of Boring			

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