

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-5			10. COORDINATE SYSTEM/DATUM Florida State Plane West	HORIZONTAL NAD 1983
LOCATION COORDINATES X = 523,030.3 Y = 917,047.4			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 20.0 Ft.		16. ELEVATION TOP OF BORING -36.8 Ft.		
		17. TOTAL RECOVERY FOR BORING 15 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
-36.8	0.0					
-38.8	2.0		Fine grained quartz sand with some fine to medium grained shell fragments. Trace gravel-sized shells to 1". Gradational contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.37, Phi Sorting: 1.39 Fines (230): 0.20% (SW)
-42.1	5.3		Interbedded fine grained quartz sand and fine grained quartz sand with coarse shell hash. Increasing silt content with depth. Coarse to gravel-sized shell from 3.2'-3.8'. Gradational contact, light gray (5Y 7/1) to, gray (5Y-6/1), (SW).		2	Sample #2, Depth = 3.0' - 3.3' Mean (mm): 0.72, Phi Sorting: 1.77 Fines (230): 4.73% (SW)
-44.8	8.0		Fine grained quartz sand with silt and some gravel-sized shell fragments. Possibly estuarine in nature. Increasing silt content with depth. Mottled with burrows filled with underlying layer from 7'-8'. Gradational contact, gray (5Y-5/1), (SM W/ GRAVEL).		3	Sample #3, Depth = 6.0' - 6.3' Mean (mm): 0.83, Phi Sorting: 2.13 Fines (230): 12.08%
-45.8	9.0		Peaty mud. Mottled with burrows filled with adjacent layers. Gradational contact, black (10YR-2/1), (PT).			
-50.9	14.1		Fine grained quartz sand with silt. Lightening in color with depth. Few shell fragments. Gradational contact, very dark gray (10YR 3/1) to, brown (10YR-5/3), (SM).			
-51.8	15.0		Limestone marl. Mottled with burrows filled with above layer, white (5Y-8/1), (LS).			
			End of Boring			

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