

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b>
1. PROJECT Charlotte Co		9. SIZE AND TYPE OF BIT 4.0 In.		
2. BORING DESIGNATION CH-12-VC-9		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 -35.4 Ft.		
		17. TOTAL RECOVERY FOR BORING 18.1 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
-35.4	0.0					
-38.2	2.8		Fine grained quartz sand with abundant fine to coarse grained shell fragments. Abundant blackened shell fragments. Abrupt contact, light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.37, Phi Sorting: 0.85 Fines (230): 0.13% (SP)
-40.1	4.7		Fine grained quartz sand and fine to medium grained shell hash with whole welks to 2". Decreasing shell content with depth. Gradational contact, light gray (5Y-7/1), (SW WITH GRAVEL).		2	Sample #2, Depth = 3.5' - 3.8' Mean (mm): 0.74, Phi Sorting: 2.21 Fines (230): 0.60% (SW)
-41.4	6.0		Fine grained quartz sand with little silt. Gradational contact, light olive gray (5Y-6/2), (SW-SM).		3	Sample #3, Depth = 5.5' - 5.8' Mean (mm): 0.21, Phi Sorting: 1.30 Fines (230): 9.69%
-44.1	8.7		Fine grained quartz sand with some silt and abundant medium to coarse grained shell. Some gravel-sized shells. Increasing silt content with depth. Gradational contact, olive gray (5Y-5/2), (SW-SM W/ GRAVEL).			
-47.9	12.5		Fine grained quartz sand with abundant silt and medium to coarse grained shells. Possibly estuarine in nature. Very gradational contact, mottled with underlying layer from 11.5' to base, very dark gray (5Y-3/1), (SM W/ GRAVEL).			
-50.4	15.0		Fine grained quartz sand with some silt and fine to medium grained shell fragments. Mottled with overlying layer, light gray (5Y-7/1), (SP-SC).			
-53.5	18.1		Fine grained sand and medium grained shell fragments with abundant white silt (possibly carbonate). Few limestone gravel/cobbles, white (5Y-8/1), (SC).			
			End of Boring			

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