

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-7			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
LOCATION COORDINATES X = 526,482.8 Y = 915,909.6			HORIZONTAL NAD 1983 VERTICAL NAVD 88	
3. DRILLING AGENCY American Vibracore Services		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		13. TOTAL NUMBER CORE BOXES		
DEG. FROM VERTICAL		14. ELEVATION GROUND WATER		
BEARING		15. DATE BORING STARTED 01-16-13 COMPLETED 01-16-13		
6. THICKNESS OF OVERBURDEN 0.0 Ft.		16. ELEVATION TOP OF BORING -35.2 Ft.		
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		17. TOTAL RECOVERY FOR BORING 19.5 Ft.		
8. TOTAL DEPTH OF BORING 20.0 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	
-35.2	0.0						0
			Fine grained quartz sand with some fine to medium grained shell fragments interbedded with coarse shell hash. Trace gravel-sized shells to 1". Silt lamina at 3.8'. Abrupt contact, light gray (5Y-7/1), (SW).		1	Sample #1, Depth = 0.5' - 0.8' Mean (mm): 0.37, Phi Sorting: 1.32 Fines (230): 0.16% (SW)	
-39.5	4.3				2	Sample #2, Depth = 3.0' - 3.3' Mean (mm): 0.25, Phi Sorting: 0.81 Fines (230): 0.26% (SP)	
-42.5	7.3		Fine grained quartz sand with some silt and abundant medium to coarse grained shell fragments. Some gravel-sized shell. Increasing silt content with depth. Gradational contact, gray (5Y-6/1), (SW).		3	Sample #3, Depth = 5.0' - 5.3' Mean (mm): 0.61, Phi Sorting: 1.92 Fines (230): 3.95% (SW)	5
-43.0	7.8		Limestone cobbles in a matrix of above layer. Gradational contact, olive gray (5Y-5/2), (LS).				
-46.2	11.0		Fine grained quartz sand with some silt and abundant medium to gravel-sized shells. Whole welks to 1.5". Limestone cobble at base (3"). Gradational contact, dark gray (5Y-4/1), (SM W/ GRAVEL).				10
-48.7	13.5		Fine grained quartz sand with abundant silt. Trace limestone marl. gradational contact, gray (5Y-5/1), (SM-SC).				
-54.7	19.5		Fine grained quartz sand with some silt and heavily mottled with limestone marl, gray (5Y-6/1), (SC-GC).				15
			End of Boring				20
							25

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