Boring Designation SLC-11-C84

DRILLING LOG

DIVISION		INSTALLATION	SHEET 1 OF 1 SHEETS

1. PROJECT: 2011 SLC Geotech Investigation; St. Lucie County		9. SIZE AND TYPE OF BIT	
		10. COORDINATE SYSTEM/DATUM: Florida State Plane East	HORIZONTAL: NAD 1983 / VERTICAL: NAVD 88
2. BORING DESIGNATION: SLC-11-C84	LOCATION COORDINATES: X = 934,237 Y = 1,102,586	11. MANUFACTURER'S DESIGNATION OF DRILL: Pneumatic Vibracore	☐ AUTO HAMMER ☐ MANUAL HAMMER
3. DRILLING AGENCY: American Vibracore Services	CONTRACTOR FILE NO.	12. TOTAL SAMPLES	DISTURBED / UNDISTURBED (UD)
4. NAME OF DRILLER: AVS		13. TOTAL NUMBER CORE BOXES	
5. DIRECTION OF BORING: ☒ VERTICAL ☐ INCLINED	DEG. FROM VERTICAL / BEARING	14. ELEVATION GROUND WATER	
		15. DATE BORING	STARTED: 04-20-11 / COMPLETED: 04-20-11
6. THICKNESS OF OVERBURDEN: 0.0 Ft.		16. ELEVATION TOP OF BORING: -39.9 Ft.	
7. DEPTH DRILLED INTO ROCK: 0.0 Ft.		17. TOTAL RECOVERY FOR BORING: 13.8 Ft.	
8. TOTAL DEPTH OF BORING: 16.5 Ft.		18. SIGNATURE AND TITLE OF INSPECTOR: LA	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-39.9	0.0					
			Medium grained skeletal sand with little quartz fraction. Trace gravel-sized shell fragments. Whole bivalve half-shells to 1". Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.5' - 4.8'
					3	Sample #3, Depth = 7.0' - 7.3'
-48.9	9.0					
-49.5	9.6		Fine to medium grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, olive gray (5Y-4/2), (SW).			
-50.4	10.5				4	Sample #4, Depth = 10.0' - 10.3'
			Abundant gravel-sized shell fragments in a medium grained skeletal sand matrix. Decreasing gravel with depth. Gradational contact, olive gray (5Y-4/2), (SW).		5	Sample #5, Depth = 12.0' - 12.3'
-53.7	13.8		Fine grained quartz sand with some fine to medium grained shell fragments, dark grayish brown (2.5Y-4/2), (SW).			
			No Recovery.			
-56.4	16.5					
			End of Boring			

0 5 10 15 20 25

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 12/5/11

SAJ FORM 1836 JUN 02 **MODIFIED FOR THE FLORIDA DEP** JUN 04