

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-C98			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 934,914 Y = 1,105,572			HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	
CONTRACTOR FILE NO.			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER AVS			12. TOTAL SAMPLES	
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 04-20-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -37.1 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 18.4 Ft.	
8. TOTAL DEPTH OF BORING 20.0 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
-37.1	0.0					
					1	Sample #1, Depth = 0.5' - 0.8'
			Medium grained skeletal sand with trace quartz fraction. Increasing quartz fraction with depth. Trace gravel-sized shell fragments. Gradational contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SW).		2	Sample #2, Depth = 5.5' - 5.8'
-46.6	9.5				3	Sample #3, Depth = 9.5' - 9.8'
-47.3	10.2		Medium to coarse grained skeletal sand with trace quartz fraction and trace fines. Gradational contact, light olive brown (2.5Y-5/3), (SW).		4	Sample #4, Depth = 10.5' - 10.8'
-48.1	11.0					
-49.4	12.3		Abundant coarse to gravel-sized shell fragments in a matrix of medium to coarse grained shell fragments. Little quartz fraction. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-49.9	12.8					
-51.6	14.5		Medium grained skeletal sand with little quartz fraction. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-53.1	16.0		As above with some gravel-sized shell fractions. Gradational contact, dark grayish brown (2.5Y-4/2), (SW WITH GRAVEL).			
-54.6	17.5		Medium grained skeletal sand with little quartz fraction. Some gravel-sized shell fragments towards base. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-55.5	18.4					
-57.1	20.0		Abundant gravel-sized bivalve shells in a matrix of partially cemented medium to coarse grained sand. Decreasing gravel content with depth, dark grayish brown (2.5Y-4/2), (GW).			
			Fine to medium grained skeletal sand with little quartz. Trace silt. Gradational contact, grayish brown (2.5Y-5/2), (SW).			
			Fine grained quartz sand with abundant fine grained blackened shell fragments. Some silt, dark gray (5Y-4/1), (SP-SM).			
			No Recovery.			
			End of Boring			

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