

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-C91			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 934,256 Y = 1,104,574			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 -39.1 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 15 Ft.	
8. TOTAL DEPTH OF BORING 17.1 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
-39.1	0.0					
-41.6	2.5		Medium grained skeletal sand with some coarse grained shell. Some quartz. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 1.0' - 1.3'
-47.0	7.9		Fine to medium grained skeletal sand. Trace gravel-sized shell. some quartz. Fining with depth. Abrupt contact, light olive brown (2.5Y 5/3) to, dark grayish brown (2.5Y-4/2), (SP).		2	Sample #2, Depth = 6.0' - 6.3'
-50.3	11.2		Fine grained quartz sand with abundant fine to medium grained shell fragments. Increasing fines with depth. Gradational contact, olive gray (5Y-5/2), (SP).		3	Sample #3, Depth = 9.0' - 9.3'
-50.7	11.6		Abundant gravel-sized shell fragments in a matrix of fine to medium grained skeletal sand. Trace silt. Gradational contact, olive gray (5Y-5/2), (SW-SM).		4	Sample #4, Depth = 11.2' - 11.5'
-51.8	12.7		Interbedded layers of fine grained quartz sand with abundant fine grained blackened shell fragments and layers of the same with gravel, and layers of fine grained quartz sand with abundant silt. Gradational contact, dark gray (5Y 4/1) to, very dark gray (5Y-3/1), (SW-SM).			
-52.5	13.4		Fine grained quartz sand with abundant blackened medium grained shell fragments. Some gravel at base. Trace silt. Gradational contact, very dark gray (5Y-3/1), (SW).			
-54.1	15.0		Fine grained quartz sand with some blackened shell fragments. Trace silt. Trace gravel shells, dark gray (5Y-4/1), (SP).			
-56.2	17.1		No Recovery.			
			End of Boring			

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