

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-C99			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 933,887 Y = 1,105,559			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 -41.8 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 14.9 Ft.	
8. TOTAL DEPTH OF BORING 16.8 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
-41.8	0.0					
-44.4	2.6		Medium grained skeletal sand with little quartz. Some coarse shell fragments. Few gravel-sized shells. Gradational contact, light olive brown (2.5Y 5/3) to, grayish brown (2.5Y-5/2), (SW).		1	Sample #1, Depth = 1.0' - 1.3'
-49.7	7.9		Fine to medium grained skeletal sand with some quartz fraction. Some gravel-sized shells from 7.2' to 7.9'. Abrupt contact, olive gray (2.5Y 5/2) to, dark grayish brown (2.5Y-4/2), (SW).		2	Sample #2, Depth = 4.0' - 4.3'
-50.1	8.3		Fine grained quartz sand. Gradational contact, gray (5Y-5/1), (SP).		3	Sample #3, Depth = 6.5' - 6.8'
-52.2	10.4		Fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, dark gray (5Y-4/1), (SW).		4	Sample #4, Depth = 9.0' - 9.3'
-52.6	10.8		Cemented. Abundant gravel-sized shells in a matrix of medium to coarse grained skeletal sand. Abrupt contact, gray (5Y-5/1), (GW).		5	Sample #5, Depth = 12.0' - 12.3'
-54.5	12.7		Fine grained quartz sand with few fines. Trace gravel-sized shell, dark gray (5Y-4/1), (SP-SM).			
-55.3	13.5		Interbedded fine grained quartz sand with abundant silt and layers of coarse shell hash. Trace gravel-sized shell. Gradational contact, very dark gray (5Y 3/1) to, dark gray (5Y-4/1), (SW-SM).			
-56.7	14.9		Fine grained quartz sand with abundant blackened shell fragments and little silt. Trace gravel and coarse-sized shell fragments, very dark gray (2.5Y-3/1), (SW).			
-58.6	16.8		No Recovery.			
			End of Boring			

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