

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-C76			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 934,231 Y = 1,099,563			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 04-19-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -36.4 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 18 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
-36.4	0.0					
					1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.0' - 4.3'
					3	Sample #3, Depth = 7.0' - 7.3'
					4	Sample #4, Depth = 10.0' - 10.3'
					5	Sample #5, Depth = 14.0' - 14.3'
					6	Sample #6, Depth = 16.0' - 16.3'
-47.0	10.6		Medium grained skeletal sand with some quartz fraction. Trace gravel-sized shell fragments. Whole bivalve half-shell 2" in size at 1.9'. Other concentrated coarse grained shell fragments at 1.8'-2.0'. Gradational contact, light olive brown (2.5Y-5/3), (SP).			
-53.0	16.6		Fine to medium grained skeletal sand with some quartz fraction. Abrupt contact, dark grayish brown (2.5Y-4/2), (SW).			
-53.4	17.0					
-53.9	17.5					
-54.3	17.9		Coarse to gravel-sized shell fragments and whole shells in a fine to medium grained skeletal sand matrix. Abrupt contact, dark grayish brown (2.5Y-4/2), (GW).			
			Fine to medium grained skeletal sand with some quartz fraction. Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-56.4	20.0		Fine to medium grained blackened skeletal sand with some quartz fraction, very dark gray (2.5Y-3/1), (SW).			
			No Recovery.			
			End of Boring			

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