

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-A20			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 930,969 Y = 1,083,453			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 04-16-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -38.1 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 18.5 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
-38.1	0.0					
			Medium grained skeletal sand with little quartz fraction. Few coarse or gravel-sized shell fragments. Graying with depth. Gradational contact, dark grayish brown (2.5Y 4/2) to, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-43.3	5.2				2	Sample #2, Depth = 4.0' - 4.3'
-44.1	6.0		Medium grained skeletal sand with abundant coarse shell fragments and some gravel-sized shell. Little quartz. Gradational contact, olive gray (5Y-5/2), (SW).		3	Sample #3, Depth = 5.5' - 5.8'
					4	Sample #4, Depth = 8.0' - 8.3'
			Fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, dark gray (5Y-4/1), (SP).		5	Sample #5, Depth = 12.0' - 12.3'
-52.6	14.5				6	Sample #6, Depth = 15.5' - 15.8'
-55.1	17.0		Fine grained quartz sand with abundant fine to medium grained blackened shell fragments. Shell coarsening with depth. Gradational contact, black (5Y-2.5/1), (SP).			
-56.6	18.5		Fine grained quartz sand with abundant fine grained blackened shell fragments and little silt. Increasing silt with depth. Trace gravel-sized shell, very dark gray (2.5Y-3/1), (SP-SM).			
-58.1	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/22/11