

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-B50		LOCATION COORDINATES X = 931,156 Y = 1,092,591	10. COORDINATE SYSTEM/DATUM Florida State Plane East	HORIZONTAL NAD 1983
3. DRILLING AGENCY American Vibracore Services		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER AVS		12. TOTAL SAMPLES	DISTURBED	UNDISTURBED (UD)
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.		BEARING	14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING 04-17-11	STARTED 04-17-11	COMPLETED 04-17-11
8. TOTAL DEPTH OF BORING 18.9 Ft.		16. ELEVATION TOP OF BORING -36.8 Ft.		
		17. TOTAL RECOVERY FOR BORING 17 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
-36.8	0.0					
			Medium grained skeletal sand with little quartz fraction. Few gravel or coarse grained shell. Abrupt contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-40.0	3.2				2	Sample #2, Depth = 4.5' - 4.8'
			Fine grained quartz sand with abundant fine to medium grained shell fragments. Few burrows filled with upper layer. Trace coarse or gravel-size shell. Gradational contact, olive gray (5Y-5/2), (SP-SM).		3	Sample #3, Depth = 8.0' - 8.3'
-48.0	11.2				4	Sample #4, Depth = 12.0' - 12.3'
-51.4	14.6		Medium grained skeletal sand with some fine grained quartz and abundant coarse to gravel-size shell. Trace silt. Gradational contact, olive gray (5Y-4/2), (SW).			
-52.3	15.5		Fine grained quartz sand with little silt and some fine grained blackened shell. Gradational contact, dark gray (5Y-4/1), (SP-SM).			
-53.8	17.0		Fine grained quartz sand with abundant fine to medium grained shell fragments and some coarse to gravel-size shell fragments. Little silt. Decreasing silt content with depth, very dark gray (2.5Y-3/1), (SW-SM).			
-55.7	18.9		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/10/11