

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> 2011 SLC Geotech Investigation St. Lucie County			<b>9. SIZE AND TYPE OF BIT</b>	
<b>2. BORING DESIGNATION</b> SLC-11-C105			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 935,241 Y = 1,107,568			<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Pneumatic Vibracore	
<b>CONTRACTOR FILE NO.</b>			<input type="checkbox"/> <b>AUTO HAMMER</b> <input type="checkbox"/> <b>MANUAL HAMMER</b>	
<b>4. NAME OF DRILLER</b> AVS			<b>12. TOTAL SAMPLES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>DEG. FROM VERTICAL</b>			<b>14. ELEVATION GROUND WATER</b>	
<b>BEARING</b>			<b>15. DATE BORING</b> 04-21-11	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -37.8 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 18.9 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 19.9 Ft.			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> LA	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-37.8	0.0					
-39.6	1.8		Medium grained skeletal sand with some quartz sand. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-40.3	2.5		As above with some coarse to gravel-sized bivalve shell fragments to 2" in size. Gradational contact, light olive brown (2.5Y-5/3), (SW).		2	Sample #2, Depth = 2.0' - 2.3'
			Fine to medium grained skeletal sand with some quartz fraction. Fining with depth. Trace gravel-sized shells. Gradational contact, light olive gray (2.5Y 5/3) to, dark grayish brown (2.5Y-4/2), (SP).		3	Sample #3, Depth = 7.5' - 7.8'
-47.1	9.3					
-49.5	11.7		Fine to medium skeletal sand with some quartz fraction. Concentrated coarser shell from 10.5' to 11/2'. Trace gravel. Abrupt contact, dark grayish brown (2.5Y-4/2), (SW).		4	Sample #4, Depth = 10.0' - 10.3'
-50.0	12.2		Abundant coarse to gravel-sized shell fragments in a matrix of medium to coarse grained shell fragments, grayish brown (2.5Y-5/2), (SW WITH GRAVEL).		5	Sample #5, Depth = 11.7' - 12.0'
			Fine grained quartz sand with some fine grained shell fragments. Trace gravel-sized shell fragments. Little silt, dark grayish brown (2.5Y-4/2), (SW-SM).		6	Sample #6, Depth = 17.0' - 17.3'
-56.7	18.9					
-57.7	19.9		No Recovery.			
			End of Boring			

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