

<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-C94			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 937,231 Y = 1,104,564			<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> 04-20-11	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -36.8 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 16.2 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 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
-36.8	0.0					
			Medium grained skeletal sand with some coarse shell hash. Little quartz. Increasing quartz with depth. Few gravel-sized shells between 3.5' to 5'. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 5.0' - 5.3'
-44.7	7.9					
			Fine grained quartz sand with abundant fine to medium grained shell fragments. Coarsening shell with depth. Gradational contact, olive gray (5Y 5/2) to, dark grayish brown (2.5Y-4/2), (SP).		3	Sample #3, Depth = 9.5' - 9.8'
-48.9	12.1					
			Fine grained quartz sand with some fine grained shell fragments. Little silt, olive gray (5Y-5/2), (SP-SM).		4	Sample #4, Depth = 13.5' - 13.8'
-52.0	15.2					
			Fine grained quartz sand with some fine grained blackened shell fragments. some silt. Mud layer (<1" thick) at 15.8', dark gray (5Y-4/1), (SM).		5	Sample #5, Depth = 15.7' - 16.0'
-53.0	16.2					
			No Recovery.			
-56.8	20.0					
			End of Boring			

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