

<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-B43			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 933,155 Y = 1,091,575			<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> 04-17-11	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -44.1 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 16.5 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
-44.1	0.0					
			Medium grained skeletal sand with some fine grained quartz sand. Mottled with what appears to be the layer below. Abrupt contact, grayish brown (2.5Y 5/2) to, dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-49.5	5.4				2	Sample #2, Depth = 5.5' - 5.8'
			Fine grained quartz sand with some fine blackened shell fragments and some silt. Increasing silt with depth. Pockets of coarse to gravel-size shell from 9.0'-9.4' and 9.8'-10.2'. Gradational contact, dark gray (5Y-4/1), (SW).			
-57.4	13.3					
-57.9	13.8					
-58.5	14.4		Fine grained quartz sand with some silt. Gradational contact, olive gray (5Y-4/2), (SM).			
-58.9	14.8		As above with abundant coarse to gravel-size shell fragments. Gradational contact, olive gray (5Y-4/2), (GM).			
-59.3	15.2					
-60.0	15.9		Fine grained quartz sand with some silt. Gradational contact, olive gray (5Y-4/2), (SM).			
-60.6	16.5		Fine grained quartz sand with some silt and abundant coarse to gravel-size shell. Gradational contact, olive gray (5Y-4/2), (GM).			
			Fine grained quartz sand with some silt and few gravel-size shells. Gradational contact, olive gray (5Y-4/2), (SM).			
-64.1	20.0		Fine grained quartz sand with abundant silt and medium grained blackened shell fragments, very dark gray (5Y-3/1), (SM).			
			No Recovery.			
			End of Boring			

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