

<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-C106			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 937,232 Y = 1,107,564			<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>DISTURBED</b>	
<b>DEG. FROM VERTICAL</b>			<b>UNDISTURBED (UD)</b>	
<b>BEARING</b>			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>15. DATE BORING</b> 04-21-11	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>STARTED</b> 04-21-11	
			<b>COMPLETED</b> 04-21-11	
			<b>16. ELEVATION TOP OF BORING</b> -45.4 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18.5 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
-45.4	0.0					
-46.6	1.2		Abundant gravel-sized shell fragments and whole shells to 2" in a matrix of fine to medium grained skeletal sand with some quartz fraction. Gradational contact, olive brown (2.5Y-4/3), (SW WITH GRAVEL).		1	Sample #1, Depth = 0.5' - 0.8'
-47.3	1.9					
-47.8	2.4		Medium grained skeletal sand with some quartz fraction. Trace gravel-sized shell fragments. Gradational contact, olive brown (2.5Y-4/3), (SW).		2	Sample #2, Depth = 3.5' - 3.8'
			Medium grained skeletal sand with some quartz fraction and some gravel-sized shell fragments. Gradational contact, olive brown (2.5Y-4/3), (SW WITH GRAVEL).			
			Medium grained skeletal sand with some quartz fraction and trace gravel-sized shell fragments. Gradational contact, olive brown (2.5Y-4/3), (SP).		3	Sample #3, Depth = 7.0' - 7.3'
-54.6	9.2					
-56.2	10.8		Abundant gravel-sized shell fragments to 1" in a matrix of medium to coarse grained skeletal sand and little fine quartz sand. Abrupt contact, dark grayish brown (2.5Y-4/2), (SW WITH GRAVEL).		4	Sample #4, Depth = 10.0' - 10.3'
-56.7	11.3					
-58.2	12.8		Fine grained quartz sand with abundant fine to medium grained shell fragments. Abrupt contact, dark gray (2.5Y-4/1), (SP).		5	Sample #5, Depth = 12.0' - 12.3'
			Abundant coarse to gravel-sized shell fragments to 3" in a matrix of fine grained quartz sand and fine to medium grained blackened shell fragments. Some silt throughout and thin (<1") layers of silt. Gradational contact, black (2.5Y-2.5/1), (SW-SM).			
-60.8	15.4					
-62.0	16.6		Fine grained quartz sand with abundant fine to medium grained blackened shell fragments. Trace whole shells to 1". Trace silt. Gradational contact, black (2.5Y-2.5/1), (SP).			
-63.0	17.6					
-63.9	18.5		Fine grained quartz sand with some silt and some fine blackened shell fragments. Gradational contact, dark gray (5Y-4/1), (SP-SM).			
-65.4	20.0					
			Abundant coarse to gravel-sized shell fragments to 2" in a matrix of fine grained quartz sand and silt with abundant medium to coarse grained blackened shell fragments. Gradational contact, black (2.5Y 2.5/1) to, dark gray (5Y-4/1), (GM).			
			Fine grained quartz sand with abundant silt and medium to coarse grained shell fragments, dark gray (5Y-4/1), (SM).			
			No Recovery.			

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