

<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-C95			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Pneumatic Vibracore	
<b>4. NAME OF DRILLER</b> AVS			<b>12. TOTAL SAMPLES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<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> 04-20-11	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -43.5 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18.6 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
-43.5	0.0					
			Fine to medium grained skeletal sand with some quartz fraction. Few gravel-sized shell fragments. Gradational contact, light olive brown (2.5Y 5/3) to, dark grayish brown (2.5Y-4/2), (SP).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.5' - 4.8'
					3	Sample #3, Depth = 7.5' - 7.8'
-53.3	9.8					
			Fine grained quartz sand with abundant fine to medium grained shell fragments. Trace silt. Increasing silt with depth. Trace gravel-sized shells. Layer of mud (1" thick) from 11.3' to 11.4'. Abrupt contact, dark grayish brown (2.5Y-4/2), (SW).		4	Sample #4, Depth = 12.0' - 12.3'
-56.6	13.1					
			Abundant gravel-sized shell fragments and blackened shell in a matrix of fine grained quartz sand and abundant silt. Abrupt contact, dark gray (5Y-4/1), (SW WITH GRAVEL).		5	Sample #5, Depth = 14.0' - 14.3'
-58.1	14.6					
			Fine grained quartz sand with abundant fine to coarse grained blackened shell fragments and abundant silt., very dark gray (2.5Y-3/1), (SM).			
-59.9	16.4					
			Abundant gravel-sized shell fragments and blackened shell in a matrix of fine grained quartz sand and abundant silt. Abrupt contact, dark gray (5Y-4/1), (GM).			
-60.9	17.4					
			Fine grained quartz sand with abundant fine to coarse grained blackened shell fragments and abundant silt, very dark gray (2.5Y-3/1), (SM).			
-62.1	18.6					
			No Recovery.			
-63.5	20.0					
			End of Boring			

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