

<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-A28			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 930,999 Y = 1,085,458			<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> -34.9 Ft.	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 15 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 17.4 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
-34.9	0.0					
			Medium grained skeletal sand with little quartz fraction. Some coarse grained shell fragments. Abrupt contact, grayish brown (2.5Y 5/2) to, dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 1.0' - 1.3'
-38.2	3.3					
-38.5	3.6		Fine to medium skeletal sand with some quartz fraction. Abrupt contact, dark gray (5Y-4/1), (SW).			
			Medium grained skeletal sand with abundant coarse shell fragments, little quartz content, and some gravel-sized shell fragments. Gradational contact, olive gray (5Y-5/2), (SW).		2	Sample #2, Depth = 4.5' - 4.8'
-40.9	6.0					
			Fine to medium grained skeletal sand with some quartz content. Gradational contact, dark gray (5Y-4/1), (SW).		3	Sample #3, Depth = 7.5' - 7.8'
-43.8	8.9					
-44.1	9.2		Medium grained skeletal sand with abundant coarse shell fragments, little quartz content, and some gravel-sized shell fragments. Gradational contact, olive gray (5Y-5/2), (SW WITH GRAVEL).			
-45.1	10.2				4	Sample #4, Depth = 10.5' - 10.8'
-46.1	11.2		Fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, olive gray (5Y-5/2), (SW).			
-47.9	13.0				5	Sample #5, Depth = 12.0' - 12.3'
-48.4	13.5		Medium grained skeletal sand with abundant coarse shell fragments, little quartz content, and some gravel-sized shell fragments. Gradational contact, olive gray (5Y-5/2), (SW).			
-49.9	15.0		Fine grained quartz sand with abundant fine to medium grained shell fragments. Shell fragments fining with depth. Gradational contact, dark gray (5Y-4/1), (SW).			
-52.3	17.4		Abundant coarse to gravel-sized shells in a matrix of fine grained quartz sand with abundant fine to medium grained shell fragments. Gradational contact, gray (5Y-5/1), (GW).			
			Fine grained quartz sand with abundant fine to medium grained shell fragments, grayish brown (2.5Y-5/2), (SW).			
			No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/22/11