

<b>DRILLING LOG</b>		<b>DIVISION</b>		<b>INSTALLATION</b>		<b>SHEET 1</b>	
						<b>OF 1 SHEETS</b>	
<b>1. PROJECT</b>				<b>9. SIZE AND TYPE OF BIT</b>			
2011 SLC Geotech Investigation							
St. Lucie County							
<b>2. BORING DESIGNATION</b>		<b>LOCATION COORDINATES</b>		<b>10. COORDINATE SYSTEM/DATUM</b>		<b>HORIZONTAL</b>	
SLC-11-A09		X = 930,991 Y = 1,079,435		Florida State Plane East		NAD 1983	
						NAVD 88	
<b>3. DRILLING AGENCY</b>		<b>CONTRACTOR FILE NO.</b>		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b>			
American Vibracore Services				Pneumatic Vibracore			
				<input type="checkbox"/> <b>AUTO HAMMER</b>			
				<input type="checkbox"/> <b>MANUAL HAMMER</b>			
<b>12. TOTAL SAMPLES</b>		<b>DISTURBED</b>		<b>UNDISTURBED (UD)</b>			
<b>4. NAME OF DRILLER</b>				<b>13. TOTAL NUMBER CORE BOXES</b>			
AVS							
<b>5. DIRECTION OF BORING</b>				<b>14. ELEVATION GROUND WATER</b>			
<input checked="" type="checkbox"/> <b>VERTICAL</b>							
<input type="checkbox"/> <b>INCLINED</b>							
		<b>DEG. FROM VERTICAL</b>				<b>15. DATE BORING</b>	
						04-14-11	
						<b>COMPLETED</b>	
						04-14-11	
<b>6. THICKNESS OF OVERBURDEN</b>		0.0 Ft.		<b>16. ELEVATION TOP OF BORING</b>			
				-37.9 Ft.			
<b>7. DEPTH DRILLED INTO ROCK</b>		0.0 Ft.		<b>17. TOTAL RECOVERY FOR BORING</b>			
				16.1 Ft.			
<b>8. TOTAL DEPTH OF BORING</b>		19.9 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
-37.9	0.0					
			Medium grained skeletal sand with some quartz fraction. Gradational contact, olive gray (5Y-4/2), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-42.2	4.3					
-42.5	4.6		Medium grained skeletal sand with some quartz fraction. Gradational contact, light olive brown (2.5Y-5/4), (SW).		2	Sample #2, Depth = 5.0' - 5.3'
			Medium grained skeletal sand with some quartz fraction. Gradational contact, olive gray (5Y-4/2), (SP).			
-45.7	7.8					
-47.1	9.2		Medium grained skeletal sand with some quartz fraction and some gravel-sized shell content. Whole shells to 1.5". Gradational contact, olive gray (5Y-4/2), (SW).		3	Sample #3, Depth = 8.5' - 8.8'
-48.5	10.6		Medium grained skeletal sand with some quartz fraction. Gradational contact, light olive brown (2.5Y-5/3), (SW).			
-49.0	11.1					
-50.0	12.1		Medium grained skeletal sand with some quartz fraction. Some gravel sized shell fragments. Whole shells to 1". Contact obscured by cut, light olive brown (2.5Y-5/3), (GW).		4	Sample #4, Depth = 11.5' - 11.8'
-51.3	13.4		Medium grained skeletal sand with some quartz fraction. Gradational contact, light olive brown (2.5Y-5/3), (SW).		5	Sample #5, Depth = 13.7' - 14.0'
-51.9	14.0					
			Fine grained quartz sand with abundant coarse shell fragments. Gradational contact, dark gray (2.5Y-4/1), (SW).		6	Sample #6, Depth = 15.0' - 15.3'
-54.0	16.1					
			Medium grained quartz sand with abundant coarse shell fragments and whole shells up to 1.5". Gradational contact, dark gray (2.5Y-4/1), (SW WITH GRAVEL).			
			Fine grained quartz sand with abundant coarse shell fragments, dark gray (2.5Y-4/1), (SW).			
			No Recovery.			
-57.8	19.9					
			End of Boring			

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