

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> St. Lucie Vibracores St. Lucie County, FL			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> SLVC-06-23			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>3. DRILLING AGENCY</b> America Vibracoring Inc.			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> Fred Kaub, P.G.			<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</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> <b>STARTED</b> <b>COMPLETED</b> 05-22-06 08:32 05-22-06 08:38	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -35.1 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18.2 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> ML	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-35.1	0.0					
-36.1	1.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 0.5' Mean (mm): 0.47, Phi Sorting: 0.99 Fines (230): 1.84% (SW)
-39.1	4.0		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, trace whole shell, shell fragments up to (1"x1.5"); whole shell up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SW).		2	Sample #2, Depth = 3.0' Mean (mm): 0.54, Phi Sorting: 1.27 Fines (230): 2.77% (SW)
-41.0	5.9		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark grayish brown (2.5Y-4/2), (SW).		1	
-45.1	10.0		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SP).		3	Sample #3, Depth = 8.0' Mean (mm): 0.26, Phi Sorting: 0.75 Fines (230): 3.96% (SP)
-47.7	12.6		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to (1.0"x1.0"), dark gray (N-4/0), (SW-SM).		4	Sample #4, Depth = 11.3' Mean (mm): 0.26, Phi Sorting: 1.12 Fines (230): 4.68% (SW-SM)
-50.1	15.0		CLAY, some shell fragments, little shell hash, trace whole shell, shell fragments up to (1.0"x1.0"); whole shell up to (1.5"x2.0"), dark gray (N-4/0), (GC).			
-51.8	16.7		CLAY, some shell hash, 3.0" rock fragment @ 15.8', dark gray (N-4/0), (CL).			
-53.3	18.2		SAND, fine grained, quartz, little shell fragments, shell fragments up to 1.0", gray (5Y-6/1), (SM).			
-55.1	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/29/06