

<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-06-15			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 930,767 Y = 1,076,349			<b>HORIZONTAL</b> NAD 1983 <b>VERTICAL</b> NAVD 88	
<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>DEG. FROM VERTICAL</b> <b>BEARING</b>			<b>14. ELEVATION GROUND WATER</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b> 05-21-06 11:10 05-21-06 11:20	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -36.8 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 16.2 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 15.8 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
-36.8	0.0					
-38.2	1.4		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to 0.5", dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 1.0' Mean (mm): 0.55, Phi Sorting: 0.94 Fines (230): 1.16% (SW)
-38.8	2.0		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, trace whole shell, shell fragments up to (1.0"x1.0"); whole shell up to (1.0"x0.5"), grayish brown (2.5Y-5/2), (SW).		2	Sample #2, Depth = 1.7' Mean (mm): 0.95, Phi Sorting: 1.35 Fines (230): 1.72% (SW)
					3	Sample #3, Depth = 4.0' Mean (mm): 0.66, Phi Sorting: 1.38 Fines (230): 1.79% (SW)
			SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments up to (1.0"x1.0"); (1.0"x1.5") whole shell @ 2.9'; (1.0"x1.0") sand dollar fragment @ 3.4'; (1.0"x1.5") whole shell @ 3.6'; two (1.0"x1.5") whole shell @ 6.6'; (2.0"x1.5") whole shell @ 6.9', dark grayish brown (2.5Y-4/2), (SW).		4	Sample #4, Depth = 7.0' Mean (mm): 0.63, Phi Sorting: 1.17 Fines (230): 1.79% (SW)
					5	Sample #5, Depth = 10.0' Mean (mm): 0.54, Phi Sorting: 0.95 Fines (230): 1.67% (SW)
-48.8	12.0					
-49.3	12.5		SAND, fine grained, quartz, some shell hash, trace silt, dark gray (2.5Y-4/1), (SP).		7	
-51.3	14.5		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to 0.5", dark grayish brown (2.5Y-4/2), (SW).		6	Sample #6, Depth = 13.0' Mean (mm): 0.52, Phi Sorting: 1.26 Fines (230): 2.53% (SW)
-52.6	15.8		SAND, fine grained, quartz, some shell hash, trace silt, (0.5"x0.5") whole shell @ 14.6', dark gray (2.5Y-4/1), (SP).		7	Sample #7, Depth = 15.3' Mean (mm): 0.33, Phi Sorting: 0.85 Fines (230): 3.30% (SP)
-53.0	16.2		No Recovery.			
			End of Boring			

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