

<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-06-09			<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>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> 4.1 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> 05-20-06 15:40 <b>COMPLETED</b> 05-20-06 15:50	
<b>8. TOTAL DEPTH OF BORING</b> 17.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -29.7 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 16 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
-29.7	0.0					
-35.1	5.4		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shell up to (1.0"x1.0"); shell fragments up to (1.0"x0.5"), dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 3.5' Mean (mm): 0.46, Phi Sorting: 1.01 Fines (230): 2.32% (SW)
-36.2	6.5		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 6.1' Mean (mm): 0.26, Phi Sorting: 1.01 Fines (230): 2.44% (SW)
-36.5	6.8		SHELL, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shell up to (1.0"x1.0"); shell fragments up to 0.5", dark gray (2.5Y-4/1), (GW).			
-37.1	7.4		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments up to (0.5"x1.0"); whole shell up to (1.5"x1.5"), dark gray (2.5Y-4/1), (GW).			
-40.0	10.3		Silty SAND, carbonate, little shell hash, light gray (5Y-7/1), (SM).			
-41.7	12.0		SHELL FRAGMENTS, some shell hash, little clay, little silt, trace sand, fine grained, quartz, shell fragments up to 0.5"; color darkens with depth, gray (2.5Y-5/1), (GM-GC).			
-45.7	16.0		ROCK FRAGMENTS, some silt, little shell hash, trace shell fragments, very pale brown (10YR-8/2), (GM).			
-46.7	17.0		No Recovery.			
			End of Boring			

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