

<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-06-33			<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> 7.8 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> 05-22-06 15:42 <b>COMPLETED</b> 05-22-06 15:52	
<b>8. TOTAL DEPTH OF BORING</b> 17.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -35.5 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 15.2 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
-35.5	0.0					
-38.2	2.7		SHELL HASH, some sand, fine grained, quartz, little whole shell, trace shell fragments, trace silt, whole shell up to (1"x1.5"); shell fragments up to (0.5"x1"), dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 1.3' Mean (mm): 0.61, Phi Sorting: 1.96 Fines (230): 2.41% (SW)
-40.2	4.7		SAND, fine grained, quartz, little silt, 2" shell hash layer @ 3.2'; (1"x1.5") whole shell @ 3.7', greenish gray (10Y-5/1), (SW-SM).		2	Sample #2, Depth = 3.8' Mean (mm): 0.15, Phi Sorting: 1.43 Fines (230): 5.36% (SW-SM)
-40.6	5.1		CLAY, dark greenish gray (10Y-4/1), (CL).			
-41.2	5.7		SHELL FRAGMENTS, trace clay, trace silt, shell fragments up to (1"x0.5"), greenish gray (10Y-5/1), (GM-GC).			
-42.2	6.7		SAND, fine grained, quartz, little silt, greenish gray (10Y-5/1), (SM).			
-43.0	7.5		SHELL FRAGMENTS, little clay, shell fragments up to (1"x0.5"), greenish gray (10Y-5/1), (GC).			
-45.4	9.9		SHELL HASH, some rock fragments, little clay, carbonate, little sand, fine grained, carbonate, rock fragments up to (2"x3"), light gray (2.5Y-7/1), (GC).			
-47.6	12.1		SAND, fine grained, quartz, little silt, two (2"x3") rock fragments @ 11.1', white (2.5Y-8/1), (SM).			
-49.4	13.9		SHELL HASH, some rock fragments, little sand, fine grained, quartz, little silt, carbonate, rock fragments up to (3"x3"), white (2.5Y-8/1), (GM).			
-50.7	15.2		SAND, fine grained, quartz, little silt, white (2.5Y-8/1), (SM).			
-52.5	17.0		No Recovery.			
			End of Boring			

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