

<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-06-24			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>LOCATION COORDINATES</b> X = 912,786 Y = 1,096,609			<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> 05-22-06 09:08 05-22-06 09:13	
<b>7. DEPTH DRILLED INTO ROCK</b> 4.6 Ft.			<b>16. ELEVATION TOP OF BORING</b> -38.1 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 16.5 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
-38.1	0.0					
-40.1	2.0		Sandy SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell fragments up to (1.0"x1.0"); whole shell up to (1.5"x1.0"); dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 1.0' Mean (mm): 0.62, Phi Sorting: 1.30 Fines (230): 2.55% (SW)
-40.9	2.8		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments <0.5"; whole shell up to (1.0"x0.5"), dark gray (2.5Y-4/1), (SW).		2	
-41.6	3.5				1	Sample #2, Depth = 4.0' Mean (mm): 0.31, Phi Sorting: 1.34 Fines (230): 2.99% (SW)
-42.4	4.3		Sandy SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shell up to 0.5", dark grayish brown (2.5Y-4/2), (SW).		2	
-43.2	5.1				3	Sample #3, Depth = 4.9' Mean (mm): 1.54, Phi Sorting: 1.94 Fines (230): 2.62% (SW)
-43.8	5.7		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark gray (2.5Y-4/1), (SW).		4	Sample #4, Depth = 5.5' Mean (mm): 0.32, Phi Sorting: 1.56 Fines (230): 5.41% (SW-SM)
-44.7	6.6				5	Sample #5, Depth = 6.1' Mean (mm): 0.28, Phi Sorting: 2.12 Fines (230): 10.88% (SM)
-45.2	7.1		SHELL FRAGMENTS, some shell hash, little sand, fine grained, quartz, trace silt, trace whole shell, shell fragments and whole shell up to (1.0"x1.0"), dark gray (N-4/0), (SW).			
-47.7	9.6		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments <0.5"; whole shell up to (1.0"x0.5"); 1.0" clay pocket @ 5.3, dark gray (N-4/0), (SW-SM).			
-48.8	10.7					
-50.1	12.0		SAND, fine grained, quartz, some silt, little shell fragments, little whole shell, trace shell hash, shell fragments up to (1.0"x1.0"); whole shell up to (1.5"x1.5"), dark gray (5Y-4/1), (SM).			
-51.4	13.3		Shelly SAND, some shell hash, some silt, little shell, little shell fragments, shell up to (1.5"x1.0"), dark gray (N-4/0), (GM).			
-54.6	16.5		Silty SAND, trace shell fragments, trace shell hash, trace whole shell, shell fragments and whole shell up to (1.5"x1.5"); 2.0" shell layer @ 8.2', dark gray (5Y-4/1), (SM).			
			SHELL FRAGMENTS, some shell hash, some whole shell, little clay, little sand, shell up to (2.0"x2.0"), dark gray (5Y-4/1), (GC).			
			CLAY, little sand, little shell hash, little silt, trace shell fragments, trace whole shell, shell up to (1.5"x1.5"), dark gray (5Y-4/1), (CL).			
			CLAY, little rock fragments, little sand, little shell hash, trace shell fragments, trace whole shell, shell up to (1.0"x1.0"), dark gray (5Y-4/1), (GC).			
			SAND, fine grained, quartz, some rock fragments, trace silt, little silt from 14.9' to 16.6', dark gray (5Y-4/1), (GW).			
			End of Boring			