

<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-06-17			<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> 05-21-06 13:22 05-21-06 13:32	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -41.9 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 19.9 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
-41.9	0.0					
-45.9	4.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shells up to (1.5"x1.0"), dark gray (2.5Y-4/1), (SP).		1	Sample #1, Depth = 2.0' Mean (mm): 0.39, Phi Sorting: 0.80 Fines (230): 1.43% (SP)
-49.9	8.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shells up to (1.5"x1.0"), dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 6.0' Mean (mm): 0.45, Phi Sorting: 1.04 Fines (230): 1.20% (SW)
-51.3	9.4		Sandy SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shells up to (1.0"x1.0"); 2.0" shell hash pocket @ 9.2', dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 8.5' Mean (mm): 0.57, Phi Sorting: 0.92 Fines (230): 1.89% (SW)
-52.7	10.8		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace whole shell, shell fragments < 0.5"; whole shell up to (1.0"x1.0"), dark gray (2.5Y-4/1), (SW).		4	Sample #4, Depth = 10.0' Mean (mm): 0.44, Phi Sorting: 0.90 Fines (230): 1.27% (SW)
-55.3	13.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to (0.75"x0.5"); 2" silty sand layer @ 13.2', dark gray (N-4/0), (SW).		5	Sample #5, Depth = 11.5' Mean (mm): 0.41, Phi Sorting: 1.03 Fines (230): 1.59% (SW)
-56.1	14.2		SAND, fine grained, quartz, little shell fragments, little shell hash, trace silt, trace whole shell, shell fragments up to (1.0"x0.5"); whole shell up to (1.0"x2.0"), dark gray (N-4/0), (SW).		6	Sample #6, Depth = 13.8' Mean (mm): 0.27, Phi Sorting: 1.10 Fines (230): 3.24% (SW)
-56.9	15.0				7	Sample #7, Depth = 14.6' Mean (mm): 0.21, Phi Sorting: 1.21 Fines (230): 7.30% (SW-SM)
-57.4	15.5					
-58.1	16.2					
-58.8	16.9		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, shell fragments < 0.25"; whole shell (1.0"x0.5") @ 14.6', dark greenish gray (10Y-4/1), (SW-SM).			
			SAND, little shell hash, trace clay, trace shell fragments, trace silt, trace whole shell, dark greenish gray (10Y-4/1), (SC).			
-61.8	19.9		SAND, little silt, trace shell fragments, trace shell hash, trace whole shell, dark greenish gray (10Y-4/1), (SM).			
			SAND, little shell hash, trace shell fragments, trace silt, trace whole shell, dark greenish gray (10Y-4/1), (SW-SM).			
			SAND, little silt, trace shell fragments, trace shell hash, trace whole shell, dark greenish gray (10Y-4/1), (SM).			

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