

<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-06-38			<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> 05-23-06 09:38 05-23-06 09:45	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -42.9 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18 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
-42.9	0.0					
-48.2	5.3		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to (1"x0.5"), dark grayish brown (2.5Y-4/2), (SP).		1	Sample #1, Depth = 3.0' Mean (mm): 0.47, Phi Sorting: 0.81 Fines (230): 1.57% (SP)
-50.8	7.9		SAND, fine grained, quartz, trace shell fragments, trace silt, shell fragments less than 0.5", dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 6.8' Mean (mm): 0.35, Phi Sorting: 0.92 Fines (230): 2.36% (SW)
-51.9	9.0		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, shell fragments less than 0.5"; 2" clay layer from 8.0' to 8.2', gray (N-5/0), (SW).		3	Sample #3, Depth = 8.5' Mean (mm): 1.01, Phi Sorting: 1.66 Fines (230): 3.25% (SW)
-56.0	13.1		SAND, fine grained, quartz, trace clay, trace shell fragments, trace silt, clay distributed in 0.5" pockets; 2" layers containing some shell hash @ 11.6', 12.0', and 12.6'; shell fragments up to (1"x1"), dark gray (N-4/0), (SW-SM).		4	Sample #4, Depth = 11.0' Mean (mm): 0.21, Phi Sorting: 0.94 Fines (230): 10.21% (SW-SM)
-60.9	18.0		Silty SAND, fine grained, quartz, some clay, some shell fragments, shell fragments up to (1"x2"); shell distributed in layers from 13.1'-13.6', 15.0'-15.4', 15.7'-16.3', and 17.0'-17.8', olive gray (5Y-4/2), (GM-GC).			
-62.9	20.0		No Recovery.			
			End of Boring			

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