

<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-06-20			<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 15:42 05-21-06 15:49	
<b>8. TOTAL DEPTH OF BORING</b> 20.2 Ft.			<b>16. ELEVATION TOP OF BORING</b> -41.3 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 20.2 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
-41.3	0.0					
			SHELL HASH, little sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments up to 0.5"; whole shell up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.51, Phi Sorting: 0.92 Fines (230): 1.18% (SW)
					2	Sample #2, Depth = 8.0' Mean (mm): 0.46, Phi Sorting: 0.94 Fines (230): 1.25% (SW)
-50.6	9.3					Sample #3, Depth = 9.7' Mean (mm): 0.89, Phi Sorting: 1.81 Fines (230): 1.82% (SW)
-51.3	10.0		SHELL HASH, some shell fragments, little sand, fine grained, quartz, little whole shell, trace silt, shell fragments up to (1.0"x1.5"); whole shell up to (1.0"x1.0"); shell fragments concentrated from 9.4' to 9.6', gray (2.5Y-5/1), (SW).		3	
-53.2	11.9				4	Sample #4, Depth = 11.0' Mean (mm): 0.43, Phi Sorting: 1.40 Fines (230): 2.60% (SW)
			SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments less than (0.5"), dark gray (N-4/0), (SW).		5	Sample #5, Depth = 12.5' Mean (mm): 0.37, Phi Sorting: 0.81 Fines (230): 2.58% (SP)
-56.0	14.7		SAND, fine grained, quartz, little shell hash, trace shell fragments, shell fragments up to 0.5"; two (1.0"x1.5") whole shells @ 14.0'; two (1.0"x1.0") whole shells @ 15.4'; very dark greenish gray (10Y-3/1), (SP).		6	Sample #6, Depth = 15.0' Mean (mm): 0.22, Phi Sorting: 0.86 Fines (230): 6.15% (SW-SM)
-56.8	15.5					Sample #7, Depth = 17.0' Mean (mm): 0.53, Phi Sorting: 2.58 Fines (230): 13.02% (SC)
-57.8	16.5		SAND, fine grained, quartz, trace shell hash, trace silt, two (1.0"x1.0") whole shells @ 15.4'; dark gray (N-4/0), (SW-SM).		7	
-59.1	17.8					
-60.6	19.3		SAND, fine grained, quartz, little clay, trace shell fragments, trace shell hash, shell fragments less than 0.5", gray (5Y-5/1), (SC).			
-61.0	19.7		Shelly SAND, little clay, shell consists of shell fragments and whole shell up to (2.0"x2.0"), gray (5Y-5/1), (SC).			
-61.5	20.2		Clayey SAND, trace shell fragments, gray (5Y-5/1), (SC).			
			SHELL FRAGMENTS, little sand, fine grained, little silt, shell fragments up to (1.0"x1.0"), gray (5Y-5/1), (GM).			
			Clayey SAND, gray (5Y-5/1), (SC).			
			End of Boring			

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