

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT St. Lucie Vibracores St. Lucie County, FL			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION SLVC-06-03			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
3. DRILLING AGENCY America Vibracoring Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Fred Kaub, P.G.			12. TOTAL SAMPLES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 5.3 Ft.			15. DATE BORING	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -33.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.4 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR ML	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-33.9	0.0					
-35.6	1.7		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shell and shell fragments up to (1.0"x0.5"), grayish brown (2.5Y-5/2), (SW).		1	Sample #1, Depth = 1.0' Mean (mm): 0.86, Phi Sorting: 1.66 Fines (230): 2.13% (SW)
-37.9	4.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace whole shell, shell fragments and whole shell up to (1.0"x0.5"), dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 3.0' Mean (mm): 0.45, Phi Sorting: 1.42 Fines (230): 1.52% (SW)
-38.5	4.6		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (2.5Y-4/1), (SW-SM).		3	Sample #3, Depth = 4.4' Mean (mm): 0.26, Phi Sorting: 1.42 Fines (230): 4.67% (SW-SM)
-38.9	5.0				7	
-39.3	5.4		SHELL HASH, some sand, fine grained, quartz, little whole shell, trace silt, whole shell up to (0.5"x1.0"), dark gray (2.5Y-4/1), (SW).		4	Sample #7, Depth = 4.8' Mean (mm): 0.62, Phi Sorting: 1.63 Fines (230): 2.91% (SW)
-41.6	7.7		SAND, fine grained, quartz, little silt, gray (2.5Y-5/1), (SM).		5	Sample #4, Depth = 5.2' Mean (mm): 0.12, Phi Sorting: 0.84 Fines (230): 6.14% (SM)
-42.6	8.7		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (2.5Y-4/1), (SW).		6	Sample #5, Depth = 6.5' Mean (mm): 0.40, Phi Sorting: 1.27 Fines (230): 4.11% (SW)
-43.6	9.7		SHELL FRAGMENTS, little shell hash, little silt, 2.0" clay pocket @ 8.3', dark gray (2.5Y-4/1), (GW-GC).			Sample #6, Depth = 8.2' Mean (mm): 1.33, Phi Sorting: 2.05 Fines (230): 8.48% (SW-SC)
-44.1	10.2					
-46.0	12.1		SAND, fine grained, quartz, little silt, trace shell fragments, gray (2.5Y-5/1), (SM).			
-48.0	14.1		CLAY, some sand, fine grained, quartz, trace shell fragments, gray (2.5Y-5/1), (CL).			
-50.7	16.8		SHELL FRAGMENTS, little sand, fine grained, quartz, little whole shell, gray (2.5Y-5/1), (GM).			
-51.6	17.7		Silty SAND, some shell fragments, trace clay, trace whole shell, whole shell up to (1.0"x1.0"), gray (2.5Y-6/1), (SM-SC).			
-53.3	19.4		SHELL HASH, little clay, little rock fragments, little silt, little whole shell, trace shell fragments, whole shell up to (2.0"x2.0"); rock up to (3.0"x4.0"), gray (2.5Y-6/1), (GM).			
-53.9	20.0		SHELL HASH, some rock fragments, some sand, fine grained, little silt, light gray (5Y-7/1), (GW-GM).			
			SAND, fine grained, quartz, little silt, gray (2.5Y-6/1), (SM).			
			No Recovery.			
			End of Boring			

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