

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-06-04			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 Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Fred Kaub, P.G.			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
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 1.7 Ft.			15. DATE BORING STARTED COMPLETED 06-01-06 11:20 06-01-06 11:28	
8. TOTAL DEPTH OF BORING 20.7 Ft.			16. ELEVATION TOP OF BORING -34.0 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.9 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
-34.0	0.0					
-37.8	3.8		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shell and shell fragments up to (1.0"x1.0"), dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.77, Phi Sorting: 1.56 Fines (230): 1.86% (SW)
-40.9	6.9		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).		2	Sample #2, Depth = 4.9' Mean (mm): 0.46, Phi Sorting: 1.38 Fines (230): 1.70% (SW)
-42.9	8.9		SAND, fine grained, quartz, some shell hash, little shell fragments, little whole shell, trace silt, shell fragments and whole shell up to (1.0"x1.0"); 2.0" shelly layer @ 8.0', dark gray (2.5Y-4/1), (SW-SM).		3	Sample #3, Depth = 8.5' Mean (mm): 0.46, Phi Sorting: 1.47 Fines (230): 3.94% (SW-SM)
-44.2	10.2		SHELL HASH, some sand, fine grained, quartz, little clay, little shell fragments, trace silt, clay distributed in pockets; shell fragments up to 0.5", dark gray (2.5Y-4/1), (SW-SC).		4	Sample #4, Depth = 9.9' Mean (mm): 0.56, Phi Sorting: 1.54 Fines (230): 5.77% (SW-SC)
-45.2	11.2		Silty SAND, some clay, clay distributed in lamina, gray (5Y-5/1), (SM-SC).		5	Sample #5, Depth = 10.9' Mean (mm): 0.13, Phi Sorting: 1.03 Fines (230): 34.59% (SM-SC)
-45.6	11.6					
-46.6	12.6		SHELL FRAGMENTS, little sand, fine grained, quartz, little shell hash, little silt, trace whole shell, whole shell and shell fragments up to (1.5"x1.5"), dark gray (2.5Y-4/1), (GM).			
-49.7	15.7		SAND, fine grained, quartz, some clay, little silt, clay content increases with depth, gray (5Y-5/1), (SM-SC).			
-52.2	18.2		SHELL FRAGMENTS, little sand, fine grained, quartz, little silt, little whole shell, 2.0" clayey pocket @ 14.2', gray (2.5Y-5/1), (GW-GM).			
-53.9	19.9		SAND, fine grained, quartz, some shell fragments, little clay, little silt, trace whole shell, whole shell up to (2.0"x2.0"), gray (2.5Y-5/1), (SM-SC).			
-54.7	20.7		SAND, fine grained, quartz, little clay, little rock fragments, little shell fragments, little silt, trace whole shell, rock fragments up to (3.0"x4.0"); whole shell and shell fragments up to (1.5"x1.5"), gray (2.5Y-5/1), (GM-GC).			
			No Recovery.			
			End of Boring			

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