

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-06-22			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 0.0 Ft.			15. DATE BORING STARTED COMPLETED 05-21-06 16:48 05-21-06 16:49	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -39.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 20 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
-39.9	0.0					
			Sandy SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell fragments up to (1.0"x1.0"); broken sand dollar (2.5"x2.0") @ 6.9'; whole shell up to (1.0"x1.0"); 2" shell layer @ 9.9', dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.49, Phi Sorting: 0.98 Fines (230): 2.34% (SW)
					2	Sample #2, Depth = 6.0' Mean (mm): 0.48, Phi Sorting: 1.14 Fines (230): 1.90% (SW)
					3	Sample #3, Depth = 9.5' Mean (mm): 0.56, Phi Sorting: 1.07 Fines (230): 1.58% (SW)
-51.4	11.5		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments up to (1"x0.5"); whole shell up to (1.0"x1.0"); (1.5"x1.5") sand dollar @ 8.7', dark grayish brown (2.5Y-4/2), (SW).		4	Sample #4, Depth = 12.5' Mean (mm): 0.80, Phi Sorting: 1.43 Fines (230): 1.82% (SW)
-53.6	13.7		SAND, fine grained, quartz, little shell hash, little silt, trace shell fragments, trace whole shell, shell fragments and whole shell less than 0.5", dark gray (N-4/0), (SW).		5	Sample #5, Depth = 14.5' Mean (mm): 0.29, Phi Sorting: 0.96 Fines (230): 3.31% (SW)
-54.8	14.9		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, shell fragments up to (1.0"x0.5"); whole shell up to (0.75"x0.5"); 1 cm clay pocket @ 16.6' and 17.1', dark gray (N-4/0), (SM-SC).		6	Sample #6, Depth = 17.0' Mean (mm): 0.27, Phi Sorting: 1.71 Fines (230): 13.71% (SM-SC)
-57.9	18.0		WHOLE SHELL, some shell fragments, little sand, fine grained, quartz, trace shell hash, trace silt, shell fragments up to (1.0"x1.0"); whole shell up to (1.5"x1.0"), dark gray (N-4/0), (GW).			
-58.6	18.7					
-59.9	20.0		SAND, quartz, little silt, trace shell fragments, trace shell hash, trace whole shell, whole shell up to (1.0"x1.0"); shell fragments up to 0.5", gray (N-5/0), (SM).			
			End of Boring			

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