

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-06-36			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 05-23-06 08:36 05-23-06 08:40	
8. TOTAL DEPTH OF BORING 20.2 Ft.			16. ELEVATION TOP OF BORING -42.3 Ft.	
			17. TOTAL RECOVERY FOR BORING 20.2 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
-42.3	0.0					
-43.3	1.0		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to 0.5", dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 0.6' Mean (mm): 0.46, Phi Sorting: 0.88 Fines (230): 1.72% (SW)
			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 = 4.5' Mean (mm): 0.34, Phi Sorting: 0.86 Fines (230): 2.03% (SW)
-48.7	6.4					
-50.3	8.0		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to 0.5"; (2"x2") whole shell @ 7.2', dark grayish brown (2.5Y-4/2), (SW).		1	
-51.4	9.1		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 8.5' Mean (mm): 0.43, Phi Sorting: 1.08 Fines (230): 2.21% (SW)
-53.5	11.2		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to (1"x0.5"); (2"x2") whole shell @ 9.5, dark grayish brown (2.5Y-4/2), (SW).		1	
-54.8	12.5		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments up to (0.5"x1"); whole shell up to (1"x1.5"), very dark gray (N-3/0), (SW).		4	Sample #4, Depth = 12.0' Mean (mm): 0.29, Phi Sorting: 0.91 Fines (230): 3.21% (SW)
-56.0	13.7				5	Sample #5, Depth = 13.0' Mean (mm): 0.20, Phi Sorting: 0.82 Fines (230): 3.37% (SP)
-56.8	14.5				6	Sample #6, Depth = 14.0' Mean (mm): 0.17, Phi Sorting: 0.89 Fines (230): 8.67% (SW-SM)
-57.3	15.0		SAND, fine grained, quartz, trace shell hash, trace silt, dark gray (N-4/0), (SP).			
-58.3	16.0		SAND, fine grained, quartz, little silt, trace clay, 1" clay pocket @14.3', greenish gray (10Y-5/1), (SW-SM).			
-60.3	18.0		SHELL FRAGMENTS, little clay, little shell hash, little silt, shell fragments up to (0.5"x1"), dark gray (N-4/0), (SM-SC).			
			SAND, fine grained, quartz, little silt, trace clay, greenish gray (10Y-5/1), (SM-SC).			
-62.5	20.2		Clayey SAND, fine grained, quartz, little shell fragments, shell fragments up to (1"x1.5"), greenish gray (10Y-5/1), (SC).			
			Silty SAND, fine grained, quartz, some clay, trace shell fragments, shell fragments less than 0.5", greenish gray (10Y-5/1), (SM-SC).			
			End of Boring			

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