

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-06-32			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 914,444 Y = 1,083,638			HORIZONTAL NAD 1983 VERTICAL NAVD 88	
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	
DEG. FROM VERTICAL BEARING			14. ELEVATION GROUND WATER	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			15. DATE BORING STARTED COMPLETED 05-22-06 15:10 05-22-06 15:16	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -33.8 Ft.	
8. TOTAL DEPTH OF BORING 20.0 Ft.			17. TOTAL RECOVERY FOR BORING 18.5 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
-33.8	0.0					
-34.5	0.7		SAND, fine grained, quartz, some shell hash, trace silt, dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 0.4'
-35.1	1.3		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, shell fragments up to 0.5", dark gray (2.5Y-4/1), (SW).		2	Mean (mm): 0.40, Phi Sorting: 0.97 Fines (230): 1.50% (SW)
			SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to (1"x1"), dark gray (N-4/0), (SW).		3	Sample #2, Depth = 1.0' Mean (mm): 0.82, Phi Sorting: 1.78 Fines (230): 1.81% (SW)
-38.4	4.6		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, shell fragments up to (1"x1"), dark gray (2.5Y-4/1), (SW).		2	Sample #3, Depth = 2.5' Mean (mm): 0.40, Phi Sorting: 1.22 Fines (230): 1.92% (SW)
-39.9	6.1		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to (1"x0.5"); 3" shell hash layer @ 6.6', dark gray (N-4/0), (SW).		4	Sample #4, Depth = 7.0' Mean (mm): 0.51, Phi Sorting: 1.55 Fines (230): 3.21% (SW)
-41.9	8.1		Silty SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, shell fragments up to (0.5"x1"), greenish gray (10Y-5/1), (SM-SC).			
-44.0	10.2					
			SHELL FRAGMENTS, some clay, little shell hash, shell fragments up to (1"x1.5"), dark gray (N-4/0), (GC).			
-50.9	17.1					
-51.8	18.0		Clayey SHELL HASH, some sand, fine grained, quartz, dark gray (N-4/0), (SC).			
-52.3	18.5		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, gray (2.5Y-6/1), (SM).			
-53.8	20.0		No Recovery.			
			End of Boring			

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