

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-06-40			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 3.5 Ft.			15. DATE BORING STARTED COMPLETED 05-23-06 11:50 05-23-06 11:59	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -33.0 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
-33.0	0.0					
			SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to (0.5"x1"), dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 3.0' Mean (mm): 0.66, Phi Sorting: 1.37 Fines (230): 2.23% (SW)
-38.3	5.3					
			SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to (0.5"x1"), dark gray (N-4/0), (SW-SM).		2	Sample #2, Depth = 6.2' Mean (mm): 0.28, Phi Sorting: 1.01 Fines (230): 4.29% (SW-SM)
-40.8	7.8					
			SAND, fine grained, quartz, little shell hash, trace silt, 3" clayey pocket @ 8.0', dark gray (N-4/0), (SW-SM).		3	Sample #3, Depth = 8.4' Mean (mm): 0.22, Phi Sorting: 0.89 Fines (230): 5.19% (SW-SM)
-42.4	9.4					
-43.5	10.5		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to (0.5"x1"); 2" whole shell @10.0'; shell hash content decreases with depth, dark gray (N-4/0), (SW).		2	
-43.8	10.8					
-44.4	11.4		SHELL FRAGMENTS, trace sand, fine grained, quartz, trace silt, shell fragments up to (1"x1.5"), dark gray (N-4/0), (GW).			
-45.2	12.2					
-45.7	12.7		SAND, fine grained, quartz, trace clay, trace silt, greenish gray (10Y-5/1), (SC).			
			SHELL FRAGMENTS, trace sand, fine grained, quartz, trace silt, shell fragments up to (1"x1.5"), dark gray (N-4/0), (GW).			
-49.5	16.5		SAND, fine grained, quartz, trace clay, trace silt, greenish gray (10Y-5/1), (SC).			
-50.7	17.7		SHELL FRAGMENTS, little clay, shell fragments up to (2"x2"), greenish gray (10Y-6/1), (GC).			
			SAND, fine grained, quartz, little rock fragments, little shell hash, little silt, trace clay, rock fragments up to (3"x3"), gray (2.5Y-6/1), (GM-GC).			
-53.0	20.0		SAND, fine grained, quartz, little shell hash, little silt, trace clay, trace shell fragments, shell fragments up to (1"x1"), light gray (2.5Y-7/1), (SM-SC).			
			End of Boring			

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