

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-06-30			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 0.3 Ft.			15. DATE BORING STARTED 05-22-06 14:04 COMPLETED 05-22-06	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -34.3 Ft.	
			17. TOTAL RECOVERY FOR BORING 15.1 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
-34.3	0.0					
-37.8	3.5		Sandy SHELL HASH, little shell fragments, trace silt, trace whole shell, shell fragments up to 0.5"; whole shell up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.56, Phi Sorting: 1.22 Fines (230): 1.62% (SW)
-40.8	6.5		SHELL HASH, some shell fragments, trace silt, trace whole shell, shell fragments and whole shell up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SW).		2	Sample #2, Depth = 5.5' Mean (mm): 0.51, Phi Sorting: 1.09 Fines (230): 1.89% (SW)
-41.6	7.3		SAND, fine grained, little shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark greenish gray (10Y-4/1), (SW-SM).		3	Sample #3, Depth = 7.0' Mean (mm): 0.34, Phi Sorting: 1.27 Fines (230): 3.81% (SW-SM)
-42.7	8.4		SHELL FRAGMENTS, some shell hash, little sand, fine grained, quartz, little silt, shell fragments up to (0.5"x1.0"); (2.0"x2.0") whole shell @ 7.6'; (2.5"x2.0") shell fragment @ 7.6'; 2.0" silty sand layer @ 7.9', greenish gray (10Y-5/1), (GM).			
-43.1	8.8					
-43.9	9.6					
-44.7	10.4					
-46.9	12.6		Silty CLAY, greenish gray (10Y-5/1), (SM-SC).			
-47.2	12.9		SHELL FRAGMENTS, some shell hash, little sand, fine grained, quartz, trace clay, trace silt, shell fragments up to (0.5"x1.0"), greenish gray (10Y-5/1), (GM-GC).			
-49.4	15.1		Silty SAND, greenish gray (10Y-5/1), (SM).			
			SHELL FRAGMENTS, some clay, trace sand, fine grained, quartz, shell fragments up to (1.0"x1.0"); (2.0"x2.0") whole shell @ 12.3', dark greenish gray (10Y-4/1), (GC).			
			ROCK FRAGMENTS, some sand, fine grained, quartz, little silt, rock fragments up to (3.0"x3.0"), gray (2.5Y-6/1), (GM).			
			SAND, fine grained, quartz, little silt, shell hash lamina @ 13.8', light gray (2.5Y-7/1), (SM).			
-54.3	20.0		No Recovery.			
			End of Boring			

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