

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-06-05			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 3.9 Ft.			15. DATE BORING STARTED COMPLETED 05-20-06 12:04 05-20-06 12:11	
8. TOTAL DEPTH OF BORING 20.3 Ft.			16. ELEVATION TOP OF BORING -35.0 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
-35.0	0.0					
-36.3	1.3		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shell and shell fragments up to (1.0"x1.0"), dark gray (2.5Y-4/1), (SW).		2	
-37.5	2.5		SHELL FRAGMENTS, little sand, fine grained, quartz, little shell hash, little whole shell, trace silt, shell fragments and whole shell up to (1.0"x1.0"), dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 1.8' Mean (mm): 0.54, Phi Sorting: 1.01 Fines (230): 1.41% (SW)
-41.5	6.5		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, whole shell and shell fragments up to (1.0"x1.0"), dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 4.4' Mean (mm): 0.44, Phi Sorting: 0.89 Fines (230): 1.85% (SW)
-44.9	9.9		SAND, fine grained, trace shell fragments, trace shell hash, (2.0"x1.0") shell fragment @ 7.6', dark gray (2.5Y-4/1), (SP).		3	Sample #3, Depth = 8.0' Mean (mm): 0.21, Phi Sorting: 0.84 Fines (230): 3.56% (SP)
-45.7	10.7		SAND, fine grained, quartz, little silt, trace shell fragments, dark gray (2.5Y-4/1), (SW-SM).		4	Sample #4, Depth = 10.3' Mean (mm): 0.19, Phi Sorting: 1.02 Fines (230): 7.69% (SW-SM)
-46.5	11.5		SHELL FRAGMENTS, some shell, fine grained, quartz, little silt, trace shell hash, trace whole shell, whole shell and shell fragments up to (1.0"x1.0"), dark gray (2.5Y-4/1), (GW-GM).			
-46.9	11.9		SAND, fine grained, quartz, some silt, gray (2.5Y-5/1), (SM).			
-47.7	12.7		CLAY, little sand, fine grained, gray (2.5Y-5/1), (CL).			
-52.5	17.5		SHELL FRAGMENTS, little clay, little sand, fine grained, little silt, little whole shell, trace rock fragments, shell fragments up to (3.0"x3.5"); whole shell up to (2.0"x2.0"); rock fragments up to (3.0"x4.0"); rock begins @ 16.1'; clay content increases with depth, gray (2.5Y-5/1), (GM-GC).			
-53.0	18.0		SAND, fine grained, little clay, trace rock fragments, trace shell fragments, rock fragments up to (1.0"x1.0"); shell fragments less than 0.5", gray (2.5Y-5/1), (SC).			
-55.0	20.0		SAND, fine grained, little rock fragments, trace silt, rock fragments up to (3.0"x3.5"), gray (2.5Y-6/1), (GW-GM).			
-55.3	20.3		No Recovery.			
			End of Boring			

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