

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-06-12			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 05-21-06 08:44 05-21-06 08:50	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -41.7 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.2 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
-41.7	0.0					
					1	Sample #1, Depth = 1.0' Mean (mm): 0.64, Phi Sorting: 1.21 Fines (230): 1.56% (SW)
					2	Sample #2, Depth = 5.0' Mean (mm): 0.56, Phi Sorting: 1.15 Fines (230): 1.65% (SW)
			SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shell up to (1.0"x1.0"), dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 9.0' Mean (mm): 0.51, Phi Sorting: 1.32 Fines (230): 1.92% (SW)
-55.5	13.8					
-57.3	15.6		Sandy SHELL HASH, trace shell fragments, trace silt, trace whole shell, shell fragments up to (1.0"x1.0"); whole shell up to (1.5"x1.0"); 2.0" whole shell @ 15.0', dark gray (2.5Y-4/1), (SW).		4	Sample #4, Depth = 14.0' Mean (mm): 0.59, Phi Sorting: 1.49 Fines (230): 2.63% (SW)
-57.9	16.2					
-58.6	16.9		SAND, fine grained, quartz, little clay, trace shell hash, dark gray (N-4/0), (SC).			
-59.4	17.7		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, shell fragments up to (1.0"x1.0"), dark gray (N-4/0), (SM).		5	Sample #5, Depth = 17.0' Mean (mm): 0.19, Phi Sorting: 1.17 Fines (230): 15.93% (SM)
-59.9	18.2					
-61.7	20.0		SAND, fine grained, quartz, some silt, trace shell fragments, shell fragments up to (1.0"x0.5"); whole shell at 15.4', dark gray (5Y-4/1), (SM).			
			SAND, some silt, trace shell fragments, trace shell hash, shell fragments up to 0.75", dark gray (5Y-4/1), (SM).			
			No Recovery.			
			End of Boring			

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