

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-06-01			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 05-31-06 09:38 05-31-06 09:44	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -27.7 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.8 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
-27.7	0.0					
			SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, 1.0" whole shell @ 4.4', dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 2.5' Mean (mm): 0.40, Phi Sorting: 0.87 Fines (230): 2.37% (SW)
-32.7	5.0					
-33.4	5.7		SAND, fine grained, quartz, little shell hash, trace silt, gray (2.5Y-5/1), (SW).		2	Sample #2, Depth = 5.4' Mean (mm): 0.42, Phi Sorting: 0.89 Fines (230): 1.98% (SW)
-34.6	6.9		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, 1.0" grayish brown (2.5Y 5/1) sand layer @ 6.0' and 6.4', dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 6.0' Mean (mm): 0.30, Phi Sorting: 1.30 Fines (230): 2.61% (SW)
-35.7	8.0				4	Sample #4, Depth = 7.5' Mean (mm): 0.25, Phi Sorting: 1.88 Fines (230): 3.74% (SW-SM)
-36.9	9.2		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, gray (2.5Y-6/1), (SW-SM).			
-37.7	10.0		SHELL FRAGMENTS, little sand, fine grained, quartz, little shell hash, trace whole shell, whole shell average (1.0"x1.5"); shell fragments up to 0.5", gray (2.5Y-6/1), (GW).			
			SAND, fine grained, quartz, little silt, (2.0"x2.0") whole shell @ 9.3', gray (2.5Y-6/1), (SW-SM).			
-41.3	13.6		SHELL FRAGMENTS, little sand, fine grained, quartz, little shell hash, little silt, little whole shell, shell fragments and whole shell up to 2.0", gray (2.5Y-5/1), (GM).			
-41.9	14.2					
-42.7	15.0		SAND, fine grained, some clay, little silt, trace shell fragments, trace shell hash, dark gray (2.5Y-4/1), (SM-SC).			
			SHELL FRAGMENTS, trace sand, fine grained, trace silt, trace whole shell, shell fragments up to 1.0"; whole shell up to 2.0", very dark gray (5Y-3/1), (GW).			
			SHELL HASH, some sand, little shell fragments, little silt, trace whole shell, whole shell and shell fragments up to 1.5", gray (2.5Y-5/1), (GW-GM).			
-47.5	19.8					
-47.7	20.0		No Recovery.			
			End of Boring			

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