

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-06-07			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	
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 1.9 Ft.			15. DATE BORING	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -30.4 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.6 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
-30.4	0.0					
-33.7	3.3		SHELL HASH, some sand, fine grained, quartz, trace silt, whole shell (1.0"x0.5") @ 1.4', dark gray (5Y-4/1), (SW).		1	Sample #1, Depth = 3.0' Mean (mm): 0.30, Phi Sorting: 1.05 Fines (230): 2.85% (SW)
-34.1	3.7		SAND, fine grained, trace shell hash, trace silt, gray (5Y-5/1), (SW-SM).		2	
-36.0	5.6		SHELL HASH, some sand, fine grained, quartz, trace silt, dark gray (5Y-4/1), (SW).		1	
-37.5	7.1		SAND, fine grained, trace shell hash, shell hash distributed in 2" pockets @ 5.8' to 6.0'; whole shell (1.5"x1.0") @ 5.8', gray (5Y-5/1), (SW-SM).		2	Sample #2, Depth = 6.2' Mean (mm): 0.18, Phi Sorting: 1.12 Fines (230): 4.03% (SW-SM)
-37.9	7.5		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to (0.5"x1.0"), dark gray (N-4/0), (SW).		3	Sample #3, Depth = 7.3' Mean (mm): 0.36, Phi Sorting: 1.43 Fines (230): 3.32% (SW)
-38.7	8.3		SAND, fine grained, some shell, little silt, trace shell fragments, trace whole shell, whole shell up to (1.5"x1.0"); shell fragments up to 1.0"; 1" silt layer @ 7.7', dark greenish gray (10Y-4/1), (SW-SM).		4	Sample #4, Depth = 8.0' Mean (mm): 0.18, Phi Sorting: 1.66 Fines (230): 6.70% (SW-SM)
-39.5	9.1		SHELL FRAGMENTS, some shell hash, trace sand, fine grained, quartz, trace silt, trace whole shell, shell fragments and whole shell up to (1.0"x1.0"), dark gray (N-4/0), (GW).			
-40.4	10.0		SILT, clay pocket @ 9.6' to 10.2', gray (5Y-5/1), (ML).			
-48.1	17.7		SHELL FRAGMENTS, some shell hash, trace silt, trace whole shell, shell fragments up to 1.5"; whole shell up to (2.0"x2.0"), gray (5Y-5/1), (GM).			
-50.0	19.6		ROCK FRAGMENTS, trace clay, trace shell fragments, trace silt, rock fragments up to (4.0"x4.0"); shell fragments up to (2.0"x2.0"), gray (5Y-6/1), (GM).			
-50.4	20.0		No Recovery.			
			End of Boring			

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