

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-06-27			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 911,846 Y = 1,090,236			HORIZONTAL NAD 1983 VERTICAL NAVD 88	
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 4.7 Ft.			15. DATE BORING STARTED 05-22-06 10:54 COMPLETED 05-22-06	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -36.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 15 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
-36.1	0.0					
-39.4	3.3		SHELL HASH, little sand, fine grained, quartz, little shell fragments, little whole shell, trace silt, shell fragments and whole shell up to (1.0"x1.5"), dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 1.5' Mean (mm): 0.86, Phi Sorting: 1.37 Fines (230): 2.34% (SW)
-40.6	4.5		SHELL HASH, little sand, fine grained, quartz, little shell fragments, little whole shell, trace silt, whole shell and shell fragments up to (1.0"x1.5"), dark gray (N-4/0), (SW).		2	Sample #2, Depth = 4.0' Mean (mm): 0.83, Phi Sorting: 1.87 Fines (230): 2.66% (SW)
-42.1	6.0		SAND, fine grained, quartz, trace shell hash, trace silt, (1.0"x1.0") clay pocket @ 5.9', gray (N-5/0), (SW-SM).		3	Sample #3, Depth = 5.4' Mean (mm): 0.22, Phi Sorting: 1.14 Fines (230): 4.42% (SW-SM)
-46.5	10.4		SHELL FRAGMENTS, little clay, little sand, fine grained, quartz, shell fragments up to (0.5"x1.0"); clay distributed in pockets, greenish gray (10Y-5/1), (GC).			
-47.2	11.1		ROCK FRAGMENTS, little shell hash, little silt, rock fragments up to (2.0"x3.0"), white (5Y-8/1), (GM).			
-49.1	13.0		Silty SAND, little clay, trace shell fragments, shell fragments less than 0.5", gray (5Y-6/1), (SM-SC).			
-50.1	14.0		ROCK FRAGMENTS, little shell hash, little silt, rock fragments up to (3.0"x3.0"), white (5Y-8/1), (GM).			
-51.1	15.0		Silty SAND, fine grained, little rock fragments, rock fragments up to (2.0"x3.0"), pale yellow (5Y-8/2), (GM).			
-56.1	20.0		No Recovery.			
			End of Boring			

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