

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-06-28			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 3.1 Ft.			15. DATE BORING STARTED COMPLETED 05-22-06 11:34 05-22-06 11:42	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -33.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.1 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
-33.1	0.0					
-34.5	1.4		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 0.7' Mean (mm): 0.41, Phi Sorting: 0.88 Fines (230): 1.73% (SW)
-35.4	2.3		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark grayish brown (2.5Y-4/2), (SW).		2	
-35.9	2.8		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to (1.0"x1.0"), dark grayish brown (2.5Y-4/2), (SW).		1	
-38.4	5.3		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to (1.0"x1.0"); 2.0" shell hash layer @ 5.0', dark grayish brown (2.5Y-4/2), (SW).		2	Sample #2, Depth = 3.5' Mean (mm): 0.41, Phi Sorting: 1.23 Fines (230): 2.95% (SW)
-39.4	6.3		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (N-4/0), (SW).		3	
-40.3	7.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (N-4/0), (SW).		4	Sample #4, Depth = 6.7' Mean (mm): 0.46, Phi Sorting: 1.25 Fines (230): 1.95% (SW)
-42.1	9.0		Sandy SHELL HASH, trace shell fragments, trace whole shell, shell fragments up to (0.5"x1.0"); whole up to (1.0"x1.0"), dark gray (N-4/0), (SW-SM).		3	Sample #3, Depth = 7.5' Mean (mm): 0.27, Phi Sorting: 0.97 Fines (230): 4.91% (SW-SM)
-42.7	9.6		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark gray (N-4/0), (SW-SM).		4	
-44.5	11.4		SAND, fine grained, some silt, trace clay, trace shell fragments, trace shell hash, 2.0" clay layers @ 10.3' and 11.3', dark greenish gray (10Y-4/1), (SM-SC).		VC29 #6	Sample #VC29 #6, Depth = 9.6' - 11.4'
-46.1	13.0		SHELL FRAGMENTS, some clay, shell fragments up to (1.0"x2.0"), dark greenish gray (10Y-4/1), (GC).			
-47.2	14.1		SILT, little clay, greenish gray (10Y-5/1), (SM-SC).			
-49.1	16.0		SHELL FRAGMENTS, some clay, shell fragments up to (1.0"x2.0"), dark greenish gray (10Y-4/1), (GC).			
-52.2	19.1		CLAY, some shell fragments, trace rock, shell fragments up to (1.0"x2.0"); rock fragments up to (2.0"x2.0"), greenish gray (10Y-5/1), (GC).			
-53.1	20.0		No Recovery.			
			End of Boring			

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