

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-06-10			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 914,492 Y = 1,080,875			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 2.0 Ft.			15. DATE BORING STARTED 05-20-06 16:18 COMPLETED 05-20-06 16:28	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -32.4 Ft.	
			17. TOTAL RECOVERY FOR BORING 19.4 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
-32.4	0.0					
-35.5	3.1		SHELL HASH, some sand, quartz, trace shell fragments, trace whole shell, whole shell up to (1.0"x1.0"); shell fragments up to (1.0"x0.5"); little whole shell and little shell fragments from 2.4' to 3.8', dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 2.0' Mean (mm): 0.43, Phi Sorting: 0.95 Fines (230): 1.20% (SW)
-39.3	6.9		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", greenish gray (5GY-5/1), (SW).		2	Sample #2, Depth = 5.5' Mean (mm): 0.28, Phi Sorting: 1.00 Fines (230): 3.02% (SW)
-40.0	7.6		SAND, fine grained, quartz, little silt, trace shell hash, greenish gray (5GY-5/1), (SM).		3	Sample #3, Depth = 7.3' Mean (mm): 0.17, Phi Sorting: 1.06 Fines (230): 10.55% (SM)
-41.7	9.3		SAND, fine grained, quartz, some shell hash, little shell fragments, trace silt, trace whole shell, shell fragments up to (1.5"x1.0"); whole shell up to (1.5"x1.5"); 1.5" clay pocket @ 8.8', dark gray (N-4/0), (SW).		4	Sample #4, Depth = 8.7' Mean (mm): 0.56, Phi Sorting: 1.57 Fines (230): 4.14% (SW)
-42.7	10.3		SAND, fine grained, quartz, little clay, little shell fragments, little shell hash, little silt, shell fragments up to (1.0"x0.5"), dark gray (N-4/0), (SM-SC).		5	Sample #5, Depth = 10.6' Mean (mm): 0.14, Phi Sorting: 1.49 Fines (230): 9.84% (SM)
-44.4	12.0		SAND, fine grained, quartz, little silt, trace shell fragments, trace shell hash, shell fragments up to (0.5"x1.0"); some shell hash from 11.6' to 11.8', gray (5Y-5/1), (SM).			
-49.8	17.4		Silty CLAY, little sand, little shell fragments, little shell hash, trace whole shell, shell fragments up to (0.5"x1.0"); whole shell up to (2.0"x1.5"); some shell fragments from 13.1' to 14.0', dark greenish gray (10Y-4/1), (GM-GC).			
-51.8	19.4		ROCK FRAGMENTS, little shell hash, little silt, trace shell fragments, trace whole shell, shell fragments up to (0.5"x0.5"); rock up to (3.0"x4.0"); (1.0"x1.5") whole shell @ 18.4', light gray (2.5Y-7/1), (GM).			
-52.4	20.0		No Recovery.			
			End of Boring			

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