

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-06-11			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
3. DRILLING AGENCY America Vibracoring Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	
4. NAME OF DRILLER Fred Kaub, P.G.			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 16.0 Ft.			15. DATE BORING 05-20-06 16:55 COMPLETED 05-20-06 17:03	
			16. ELEVATION TOP OF BORING -32.7 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
-32.7	0.0					
-38.5	5.8		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments up to 0.5"; whole shell up to (1.5"x1.0"); pocket of color change to very dark gray (N-3/0) @ 5.0' to 5.8', dark gray (N-4/0), (SW).		1	Sample #1, Depth = 3.0' Mean (mm): 0.41, Phi Sorting: 0.97 Fines (230): 1.24% (SW)
-40.6	7.9		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, trace whole shell, shell fragments and whole shell up to 0.5", dark greenish gray (10Y-4/1), (SW-SM).		2	Sample #2, Depth = 6.8' Mean (mm): 0.19, Phi Sorting: 1.09 Fines (230): 3.50% (SW-SM)
-42.0	9.3		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace clay, trace whole shell, shell fragments up to (1.5"x1.0"); whole shell up to (1.5"x1.5"), dark greenish gray (10Y-4/1), (SW-SC).		3	Sample #3, Depth = 8.8' Mean (mm): 0.67, Phi Sorting: 1.98 Fines (230): 5.03% (SW-SC)
-43.8	11.1		SAND, fine grained, quartz, some silt, pocket of some shell fragments up to (1.0"x0.25") from 9.45' to 9.7', greenish gray (10Y-5/1), (SM).			
-46.0	13.3		SHELL FRAGMENTS, trace clay, trace whole shell, shell fragments up to (2.0"x1.0"); whole shell (1.0"x1.0"); 2" clay pocket @ 11.6', greenish gray (10Y-5/1), (GC).			
-47.7	15.0		Silty SHELL FRAGMENTS, little rock fragments, little shell hash, shell fragments up to (1.5"x1.0"); rock fragments up to (2.0"x2.5"), dark greenish gray (5GY-4/1), (GM).			
-48.7	16.0		No Recovery.			
			End of Boring			

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