

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-06-13			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 931,104 Y = 1,073,010			HORIZONTAL NAD 1983 VERTICAL NAVD 88	
3. DRILLING AGENCY America Vibracoring Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	
CONTRACTOR FILE NO.			<input type="checkbox"/> AUTO HAMMER <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	
DEG. FROM VERTICAL			14. ELEVATION GROUND WATER	
BEARING			15. DATE BORING	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			STARTED 05-21-06 09:20 COMPLETED 05-21-06 09:27	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			16. ELEVATION TOP OF BORING -41.5 Ft.	
8. TOTAL DEPTH OF BORING 20.0 Ft.			17. TOTAL RECOVERY FOR BORING 20 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
-41.5	0.0					
-42.3	0.8		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, trace whole shell, shell fragmetns up to (1.0"x1.0"); whole shell up to (1.0"x1.5"), grayish brown (2.5Y-5/2), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.84, Phi Sorting: 1.36 Fines (230): 2.23% (SW)
			SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (2.5Y-4/1), (SP).		2	Sample #2, Depth = 3.0' Mean (mm): 0.33, Phi Sorting: 0.79 Fines (230): 1.29% (SP)
-48.1	6.6					
			SHELL HASH, little sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments up to 0.5"; (2.0"x3.0") whole shell @ 6.7', dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 8.0' Mean (mm): 0.76, Phi Sorting: 1.33 Fines (230): 1.95% (SW)
-53.7	12.2					
-55.3	13.8		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", dark gray (N-4/0), (SW).		4	Sample #4, Depth = 13.0' Mean (mm): 0.33, Phi Sorting: 1.04 Fines (230): 2.66% (SW)
-56.7	15.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments up to (1.0"x0.5"), dark gray (N-4/0), (SW-SM).		5	Sample #5, Depth = 14.5' Mean (mm): 0.22, Phi Sorting: 0.89 Fines (230): 3.84% (SW-SM)
-58.9	17.4		SAND, fine grained, quartz, little shell fragments, little silt, trace clay, trace shell hash, shell fragments up to (1.0"x1.5"); (1.0"x1.0") whole shell @ 16.2', greenish gray (10Y-5/1), (SM-SC).		6	Sample #6, Depth = 17.0' Mean (mm): 0.20, Phi Sorting: 1.25 Fines (230): 20.16% (SM-SC)
-61.5	20.0		SAND, fine grained, quartz, some whole shell, little clay, little shell fragments, little silt, (GM-GC).			
			End of Boring			

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