

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-06-06			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 913,932 Y = 1,078,906			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	
DEG. FROM VERTICAL BEARING			14. ELEVATION GROUND WATER	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			15. DATE BORING STARTED COMPLETED 05-20-06 13:07 05-20-06 13:15	
7. DEPTH DRILLED INTO ROCK 5.6 Ft.			16. ELEVATION TOP OF BORING -29.5 Ft.	
8. TOTAL DEPTH OF BORING 15.0 Ft.			17. TOTAL RECOVERY FOR BORING 13 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
-29.5	0.0					
-30.1	0.6		SHELL HASH, fine grained, little shell fragments, trace silt, shell fragments up to 0.5", dark gray (2.5Y-4/1), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.70, Phi Sorting: 1.34 Fines (230): 2.35% (SW)
			SHELL HASH, fine grained, trace shell fragments, trace silt, shell fragments up to 1.0", dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 2.0' Mean (mm): 0.58, Phi Sorting: 1.12 Fines (230): 1.76% (SW)
-33.1	3.6		SAND, little silt, (1.0"x0.5") whole shell @ 3.7', gray (5Y-5/1), (SM).		3	Sample #3, Depth = 4.0' Mean (mm): 0.14, Phi Sorting: 1.13 Fines (230): 9.08% (SM)
-34.0	4.5		SHELL FRAGMENTS, trace sand, fine grained, trace shell hash, trace silt, trace whole shell, gray (5Y-5/1), (GW).			
-35.6	6.1		Sandy SHELL FRAGMENTS, little silt, trace whole shell, whole shell up to (2.0"x2.5"); shell fragments up to (1.0"x0.5), gray (5Y-5/1), (GM).			
-37.0	7.5		SHELL HASH, some sand, fine grained, carbonate, little rock fragments, little silt, rock fragments up to (1.5"x1.5"), light gray (5Y-7/1), (GM).			
-39.1	9.6		SAND, some silt, little rock fragments, rock fragments up to (1.0"x1.0"), very pale brown (10YR-8/2), (GM).			
-39.8	10.3		SHELL HASH, some rock fragments, some sand, fine grained, carbonate, little silt, rock fragments up to (3.0"x4.0"), very pale brown (10YR-8/2), (GM).			
-42.5	13.0					
-44.5	15.0		No Recovery.			
			End of Boring			

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