


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT St. Lucie Vibracores St. Lucie County, FL				
2. BORING DESIGNATION SLVC-06-25		LOCATION COORDINATES X = 912,929 Y = 1,092,262		
3. DRILLING AGENCY America Vibracoring Inc.		CONTRACTOR FILE NO.		
4. NAME OF DRILLER Fred Kaub, P.G.		9. SIZE AND TYPE OF BIT 3.0 In.		
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		10. COORDINATE SYSTEM/DATUM Florida State Plane East HORIZONTAL NAD 1983 VERTICAL NAVD 88		
6. THICKNESS OF OVERBURDEN 0.0 Ft.		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Pneumatic Vibracore <input type="checkbox"/> MANUAL HAMMER		
7. DEPTH DRILLED INTO ROCK 7.9 Ft.		12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)		
8. TOTAL DEPTH OF BORING 20.0 Ft.		13. TOTAL NUMBER CORE BOXES		
		14. ELEVATION GROUND WATER		
		15. DATE BORING STARTED 05-22-06 09:41 COMPLETED 05-22-06 09:47		
		16. ELEVATION TOP OF BORING -35.7 Ft.		
		17. TOTAL RECOVERY FOR BORING 17.3 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
-35.7	0.0					
-37.3	1.6		Sandy SHELL HASH, fine grained, quartz, trace shell fragments, shell fragments up to 1.0", dark grayish brown (2.5Y-4/2), (SW).		1	Sample #1, Depth = 1.0' Mean (mm): 0.44, Phi Sorting: 0.87 Fines (230): 1.86% (SW)
-40.0	4.3		SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shell up to 1.5", dark gray (2.5Y-4/1), (SW).		2	Sample #2, Depth = 4.0' Mean (mm): 0.33, Phi Sorting: 1.17 Fines (230): 3.49% (SW)
-41.3	5.6		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments up to 0.5"; whole shell up to (1.0"x1.5"), dark gray (2.5Y-4/1), (SW).		3	Sample #3, Depth = 4.8' Mean (mm): 0.35, Phi Sorting: 1.14 Fines (230): 2.81% (SW)
-41.9	6.2		SAND, fine grained, quartz, trace shell fragments, trace silt, shell fragments less than 0.5"; whole shell (1.5"x0.5") @ 6.1', dark gray (2.5Y-4/1), (SW).		2	Sample #4, Depth = 6.5' Mean (mm): 0.57, Phi Sorting: 1.25 Fines (230): 2.55% (SW)
-42.4	6.7		SHELL HASH, some sand, fine grained, quartz, little shell fragments, trace silt, trace whole shell, shell fragments and whole shell up to 0.5", dark gray (2.5Y-4/1), (SW).		4	Sample #5, Depth = 7.6' Mean (mm): 0.36, Phi Sorting: 1.07 Fines (230): 3.73% (SW)
-44.2	8.5		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace whole shell, shell fragments up to 1.5"; whole shell up to 1.0", dark gray (N-4/0), (SW).			
-44.8	9.1		SHELL FRAGMENTS, some whole shell, little sand, fine grained, quartz, little shell hash, trace silt, shell fragments up to (1.0"x1.5"), dark gray (N-4/0), (GW).			
-45.2	9.5		CLAY, trace shell hash, trace silt, dark greenish gray (10GY-4/1), (CL).			
-50.5	14.8		SHELL FRAGMENTS, little clay, little rock fragments, little silt, trace whole shell, rock fragments up to 2.0" @ base of layer; whole shell up to 2.0", dark greenish gray (10GY-4/1), (GC).			
-53.0	17.3		SAND, fine grained, quartz, little silt, trace rock fragments, trace shell fragments, trace whole shell, whole shell up to 3.0"; rock and shell fragments up to 1.0", light gray (2.5Y-7/1), (SM).			
-55.7	20.0		No Recovery.			
			End of Boring			

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