


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT St. Lucie Vibracores St. Lucie County, FL				
2. BORING DESIGNATION SLVC-06-14		LOCATION COORDINATES X = 931,293 Y = 1,075,107		
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		
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 0.0 Ft.		12. TOTAL SAMPLES		
8. TOTAL DEPTH OF BORING 18.6 Ft.		13. TOTAL NUMBER CORE BOXES		
		14. ELEVATION GROUND WATER		
		15. DATE BORING STARTED 05-21-06 10:33 COMPLETED 05-21-06 10:44		
		16. ELEVATION TOP OF BORING -39.3 Ft.		
		17. TOTAL RECOVERY FOR BORING 16.5 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
-39.3	0.0					
-41.5	2.2		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments less than 0.5"; (0.5"x0.5") whole shell @ 0.3', grayish brown (2.5Y-5/2), (SP).		1	Sample #1, Depth = 0.8' Mean (mm): 0.45, Phi Sorting: 0.85 Fines (230): 1.51% (SP)
-42.3	3.0		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, trace whole shell, shell fragments and whole shell 0.5", light brownish gray (2.5Y-6/2), (SW).		2	Sample #2, Depth = 2.6' Mean (mm): 0.55, Phi Sorting: 1.20 Fines (230): 2.18% (SW)
-47.7	8.4		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments less than 0.5", grayish brown (2.5Y-5/2), (SP).		3	Sample #3, Depth = 5.0' Mean (mm): 0.35, Phi Sorting: 0.71 Fines (230): 1.39% (SP)
-49.3	10.0		SHELL HASH, little sand, fine grained, quartz, little shell fragments, trace silt, trace whole shell, shell fragments up to 0.5"; (1.0"x1.5") whole shell @ 8.5"; (3.0"x2.0") shell fragment @ 9.4', grayish brown (2.5Y-5/2), (SW).		2	
-50.6	11.3		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments less than 0.5", grayish brown (2.5Y-5/2), (SW).		3	
-51.8	12.5		SAND, fine grained, quartz, some shell hash, trace silt, gray (2.5Y-5/1), (SW).		4	Sample #4, Depth = 11.9' Mean (mm): 0.36, Phi Sorting: 1.00 Fines (230): 3.66% (SW)
-55.0	15.7		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell fragments less than 0.5", dark gray (N-4/0), (SW-SM).		5	Sample #5, Depth = 15.0' Mean (mm): 0.27, Phi Sorting: 1.13 Fines (230): 5.70% (SW-SM)
-55.8	16.5		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments less than 0.5", dark gray (N-4/0), (SW-SM).		6	Sample #6, Depth = 16.0' Mean (mm): 0.26, Phi Sorting: 1.36 Fines (230): 8.21% (SW-SM)
-57.9	18.6		No Recovery.			
			End of Boring			

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