


DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Anna Maria Island Manatee County				
2. BORING DESIGNATION AMVC-05-11		LOCATION COORDINATES X = 413,677 Y = 1,156,316		9. SIZE AND TYPE OF BIT 3.0 In.
3. DRILLING AGENCY America Vibracore, Inc.		CONTRACTOR FILE NO. 8446.36		10. COORDINATE SYSTEM/DATUM Florida State Plane West
4. NAME OF DRILLER Fred Kaub		11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	BEARING	12. TOTAL SAMPLES
6. THICKNESS OF OVERBURDEN 0.0 Ft.		13. TOTAL NUMBER CORE BOXES		14. ELEVATION GROUND WATER
7. DEPTH DRILLED INTO ROCK 0.0 Ft.		15. DATE BORING 02-24-05 10:45		16. ELEVATION TOP OF BORING -19.2 Ft.
8. TOTAL DEPTH OF BORING 15.0 Ft.		17. TOTAL RECOVERY FOR BORING 13.5 Ft.		18. SIGNATURE AND TITLE OF INSPECTOR M. D. Andrews Geologist

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-19.2	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
			SAND, fine grained, quartz, trace shell hash, trace silt, gray (5Y-6/1), (SP).		1	Sample #1, Depth = 0.5' Mean (mm): 0.16, Phi Sorting: 0.56 Shell Hash: 0%, Fines (230): 1.87% (SP)
-22.4	3.2				2	Sample #2, Depth = 2.5' Mean (mm): 0.17, Phi Sorting: 0.71 Shell Hash: 0%, Fines (230): 2.00% (SP)
-22.9	3.7		Shelly SAND, medium grained, quartz, trace silt, gray (5Y-5/1), (SP).		3	Sample #3, Depth = 3.5' Mean (mm): 1.55, Phi Sorting: 2.13 Shell Hash: 11%, Fines (230): 2.66% (SW)
-24.4	5.2		SAND, fine grained, quartz, trace silt, 0.5" shell fragments @ 4.0' and 4.6', white (5Y-8/1), (SP).		4	Sample #4, Depth = 4.1' Mean (mm): 0.16, Phi Sorting: 0.52 Shell Hash: 1%, Fines (230): 1.58% (SP)
-27.6	8.4		SAND, fine to medium grained, quartz, trace shell hash, trace silt, 3.0" rock fragment @ 5.2', 1.0" to 2.0" rock fragments from 6.5' to 6.9', gray (5Y-6/1), (SP).			
-28.8	9.6		SAND, fine to medium grained, quartz, trace shell hash, trace silt, 2.0" rock fragment @ 8.8', white (5Y-8/1), (SP-SM).		5	Sample #5, Depth = 8.7' Mean (mm): 0.22, Phi Sorting: 1.64 Shell Hash: 2%, Fines (230): 5.41% (SP-SM)
-29.7	10.5		SAND, fine to medium grained, quartz, little shell hash, trace silt, white (5Y-8/1), (SP-SM).		6	Sample #6, Depth = 10.4' Mean (mm): 0.18, Phi Sorting: 1.02 Shell Hash: 13%, Fines (230): 5.36% (SP-SM)
-31.7	12.5		SAND, fine to medium grained, quartz, trace shell hash, trace silt, (<0.5") rock fragments from 10.4' to 12.5', gray (5Y-6/1), (SP).			
-32.7	13.5		ROCK FRAGMENTS, some clay, gray (5Y-6/1), (GC).			
-33.0	13.8		Rock In Bit.			
-34.2	15.0		No Recovery, Rock Refusal @ 15.0'.			
			End of Boring			

FLORIDA DEP ROSS ANNA MARIA_05 NAVD88.GPJ FL DEP ROSS.GDT 10/30/08