

County: Nansemond
VDMR Well #1220

Well: V-66-10
Property Owner: Roundtree Dairy Inc.
Driller: Froehling and Robertson
Location: North side of State Road 706, 515 feet east of State Highway 10
Altitude Top of Hole: 56.4 feet
Total Depth: 41.0 feet
Started Drilling: June 21, 1966
Completed Drilling: June 21, 1966
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-23.0'	23'	Elberon	Middle Pleistocene
23.0'-35.0'	12'	Sedley	Pliocene ?
35.0'-41.0'	6'	Yorktown	Late Miocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Elberon	0.0-4.0	4	Flush Interval
	4.0-6.0	2	Sand - tan, with streaks of gray and orange, medium-to coarse 4.0'-5.0' - 18 blows per foot 5.0'-6.0' - 28 blows per foot Compressive strength: not taken
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - white, fine-to medium, some laminae, rich in opaque minerals 9.0'-10.0' - 17 blows per foot 10.0'-11.0' - 16 blows per foot Compressive strength: not taken
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - coarse, trace of medium, laminated with gray silty sand, granules up to 3 mm 14.0'-15.0' - 5 blows per foot 15.0'-16.0' - 5 blows per foot Compressive strength: not taken
	16.0-19.0	3	Flush Interval
	19.0'-21.0'	2	Sand - bright-orange, medium-to coarse, granules 10 percent silt 19.0'-20.0' - 16 blows per foot 20.0'-21.0' - 18 blows per foot Compressive strength: not taken
	21.0-23.0	2	Flush Interval
	Sedley	23.0-24.0	1
24.0-26.0		2	Silt - bluish-gray, very fine sandy 24.0'-25.0' - 4 blows per foot 25.0'-26.0' - 5 blows per foot Compressive strength: not taken

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Formation	Depth in feet	Thickness in feet	Description
Sedley	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Sand - dark-bluish-gray, very-clayey, laminated (no abrupt change in grain size across laminae) 29.0'-30.0' - 2 blows per foot 30.0'-31.0'-2 blows per foot Compressive strength: .3 ton per square foot
	31.0-35.0	4	Flush Interval
Yorktown	35.0-39.0	4	Flush Interval
	39.0-41.0	2	Sand - bluish-green, somewhat-clayey (25 percent) fossiliferous 39.0'-40.0' - 6 blows per foot 40.0'-41.0' - 7 blows per foot Compressive strength: .8 ton per square foot, Rupture

