

County: Isle of Wight
VDMR Well #1218

Well: V-66-8
Property Owner: C. E. Glover (Newport News)
Driller: Froehling and Robertson
Location: South side of farm road 0.18 mile east of State Road 602, 1.20 miles
north of State Road 601
Altitude Top of Hole: 78.0 feet
Total Depth: 85.0 feet
Started Drilling: June 18, 1966
Completed Drilling: June 20, 1966
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-44.0'	44'	Elberon	Middle Pleistocene
44.0'-66.0'	22'	Sedley	Pliocene ?
66.0'-85.0'	19'	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 - gray, medium, trace of coarse sand, minor limonitic blotches, about 30 percent, clay and silt 4.0'-5.0' - 11 blows per foot 5.0'-6.0' - 14 blows per foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, sandy, laminated, limonitic staining on laminae 9.0'-10.0' - 10 blows per foot 10.0'-11.0' - 13 blows per foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Clay - gray, contains sand, medium-to coarse, some horizontal sand streaks, faintly laminated 14.0'-15.0' - 13 blows per foot 15.0'-16.0' - 20 blows per foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - gray, medium, trace coarse sand, laminated, thin gray silt streaks, noticeable opaque minerals, about 20 percent silt and clay 19.0'-20.0' - 4 blows per foot 20.0'-21.0' - 8 blows per foot
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Sand - grayish-white, medium-to coarse, noticeable opaque minerals, 10 percent silt and clay (may be secondary) 24.0'-25.0' - 6 blows per foot 25.0'-26.0' - 7 blows per foot
	26.0-29.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Elberon	29.0-31.0	2	Sand - tan, medium-to coarse, with grayish-white and orange laminae, high percentage opaque minerals, trace of silt 29.0'-30.0' - 17 blows per foot 30.0'-31.0' - 20 blows per foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Sand - gray, coarse, cherty, laminated, faint laminae of yellow silt 34.0'-35.0' - 15 blows per foot 35.0'-36.0' - 18 blows per foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sand - bright-orange, similar to above, definite irregular gray sand streaks, opaque minerals concentrated in finer material 39.0'-40.0' - 13 blows per foot 40.0'-41.0' - 17 blows per foot
	41.0-44.0	3	Flush Interval
Sedley	44.0-46.0	2	Sand - similar to above, some laminae of gray sandy-clay and bright-orange clayey-sand near base 44.0'-45.0' - 17 blows per foot 45.0'-46.0' - 6 blows per foot
	46.0-69.0	20	Flush Interval. Softer strata and pieces of ferricrete in wash at 47.0', then muddy water. Sand in wash at 65.0' (Basal Sedley Formation) 49.0'-50.0' - Weight of rods 50.0'-51.0' - Weight of rods 54.0'-55.0' - Weight of rods 55.0'-56.0' - Weight of rods 59.0'-60.0' - 1 blow per foot 60.0'-61.0' - 1 blow per foot 64.0'-65.0' - Weight of rods 65.0'-66.0' - 1 blow per foot

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Formation	Depth in feet	Thickness in feet	Description
Yorktown	66.0-83.0	17	Flush Interval (Fossils in wash at 69.0) 66.0'-70.0' - 43 blows per foot
	83.0-85.0	2	No sample recovery 83.0'-84.0' - 59 blows per foot 84.0'-85.0' - 67 blows per foot

