

County: Isle of Wight
VDMR Well #1990

Well: V-67-30

Property Owner: J. R. Barlow, Sr.

Driller: Froehling and Robertson

Location: 0.2 mile north of State Highway 10 on Farm Road. Farm road is
0.6 mile northwest of intersection of State Highway 10 and State
Road 674.

Altitude Top of Hole: 72.1 feet

Total Depth: 41.0 feet

Started Drilling: June 27, 1967

Completed Drilling: June 27, 1967

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-23.0'	23.0'	Elberon	Middle Pleistocene
23.0'-33.0'	10.0'	Sedley	Pliocene ?
33.0'-41.0'	8.0'	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 - orange, medium, trace coarse 4.0'-5.0' - 13 blows per foot 5.0'-6.0' - 15 blows per foot Compressive strength: 3.2 tons per square foot	
	6.0-9.0	3	Flush Interval	
	9.0-11.0	2	Sand - gray, medium-coarse, trace granules, some orange mottling 9.0'-10.0' - 13 blows per foot 10.0'-11.0' - 16 blows per foot Compressive strength: 2.5 tons per square foot	
	11.0-14.0	3	Flush Interval	
	14.0-16.0	2	Sand - tan, medium-coarse, trace of silt, some orange mottling 14.0'-15.0' - 11 blows per foot 15.0'-16.0' - 19 blows per foot Compressive strength: no reading	
	16.0-19.0	3	Flush Interval	
	19.0-21.0	2	Sand - gray, coarse, granules, high percentage opaque minerals, trace of silt 19.0'-20.0' - 15 blows per foot 20.0'-21.0' - 30 blows per foot Compressive strength: no reading	
	21.0-23.0	2	Flush Interval	
	23.0-24.0	1	Flush Interval	
	Sedley	24.0-26.0	2	Silt - pale-tan, soft, plastic, some streaks of well-sorted, medium-to coarse sand (tan) 24.0'-25.0' - 4 blows per foot 25.0'-26.0' - 10 blows per foot Compressive strength: 0.3 ton per square foot

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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 - orange, silty, and silt, gray 29.0'-30.0' - 3 blows per foot 30.0'-31.0' - 5 blows per foot Compressive strength: 0.9 ton per square foot
	31.0-33.0	2	Flush Interval
	33.0-34.0	1	Flush Interval
Yorktown	34.0-36.0	2	Coquinite - dark-blue, high percentage of well-sorted and rounded small shell fragments, 15 percent silt 34.0'-35.0' - 14 blows per foot 35.0'-36.0' - 20 blows per foot Compressive strength: 0.9 ton per square foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Similar to 34.0'-36.0' interval but more silty (25 percent silt) and pale-bluish-gray 39.0'-40.0' - 13 blows per foot 40.0'-41.0' - 19 blows per foot Compressive strength: 1.1 tons per square foot

