

County: Isle of Wight
VDMR Well #1993

Well: V-67-33

Property Owner: State, road right-of-way

Location: West side of State Highway 10, 0.5 mile south of intersection of
State Highway 10 and State Road 674

Driller: Froehling and Robertson

Altitude Top of Hole: 49.0 feet

Total Depth: 31.0 feet

Started Drilling: June 28, 1967

Completed Drilling: June 28, 1967

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-18.0'	18.0'	Elberon	Middle Pleistocene
18.0'-24.0'	6.0'	Sedley	Pliocene ?
24.0'-31.0'	7.0'	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 - grayish-tan, fine-medium, orange mottling, 25 percent silt, homogeneous 4.0'-5.0' - 5 blows per foot 5.0'-6.0' - 5 blows per foot Compressive strength: 1.8 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, medium, trace coarse, 30 percent silt, orange mottling, streaks of gray silt 9.0'-10.0' - 8 blows per foot 10.0'-11.0' - 14 blows per foot Compressive strength: 1.5 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - reddish-orange, fine-medium, well-sorted, slightly silty 14.0'-15.0' - 11 blows per foot 15.0'-16.0' - 14 blows per foot Compressive strength: 0.6 ton per square foot
	16.0-18.0	2	Flush Interval
Sedley	18.0-19.0	1	Flush Interval
	19.0-21.0	2	Silt - olive-gray and red laminae, black areas 19.0'-20.0' - 8 blows per foot 20.0'-21.0' - 8 blows per foot Compressive strength: 1.5 tons per square foot
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Yorktown	24.0-26.0	2	Coquinite - dark-orange, decomposed shells and calcareous concretions, 25 percent silt 24.0'-25.0' - 5 blows per foot 25.0'-26.0' - 9 blows per foot Compressive strength: No reading
	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Similar to 24.0'-26.0' interval but shell fragments are finer and color is light-tan 29.0'-30.0' - 10 blows per foot 30.0'-31.0' - 15 blows per foot Compressive strength: 0.6 tons per square foot

