

County: Isle of Wight

VDMR Well #1672

Well: V-66-18

Property Owner: State, road right-of-way

Driller: Froehling and Robertson

Location: West side of State Road 600, 0.8 mile northeast of State Road 606

Altitude Top of Hole: 76.9 feet

Total Depth: 26.0 feet

Started Drilling: June 25, 1966

Completed Drilling: June 25, 1966

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-24.0'	24'	Elberon	Middle Pleistocene
24.0'-26.0'	2'	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, clayey, interlaminated with clayey gray silt, laminae are very thin 4.0'-5.0' - 11 blows per foot 5.0'-6.0' - 13 blows per foot Compressive strength: 1.8 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - bright-orange, fine-to medium, slightly clayey (15 percent), and thick laminae of gray, fine sand, 10 percent clay 9.0'-10.0' - 28 blows per foot 10.0'-11.0' - 35 blows per foot Compressive strength: 2.0 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - light-gray, fine-to medium, slightly clayey, orange, noticeable opaque minerals 14.0'-15.0' - 8 blows per foot 15.0'-16.0' - 13 blows per foot Compressive strength: 0.5 ton per square foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - tan mottled with bright orange, medium-to coarse, noticeable opaque minerals 19.0'-20.0' - 38 blows per foot 20.0'-21.0' - 63 blows per foot
	21.0-24.0	3	Flush Interval (Contact at 24.0' indicated by pebble-gravel log)

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Formation	Depth in feet	Thickness in feet	Description
Yorktown	24.0-25.0	1	Silt - clayey, laminated with streaks of dark-gray sand 24.0'-25.0' - 6 blows per foot
	25.0-26.0	1	Sand - blue gray, fine 20 percent clay, fossiliferous (small fragments less than .5 cm.) 25.0'-26.0' - 7 blows per foot

