

County: Isle of Wight
VDMR Well #1676

Well: V-66-22

Property Owner: State, right-of-way

Driller: Froehling and Robertson

Location: Center of intersection of State Road 620 and State Road 627

Altitude Top of Hole: 84.0 feet

Total Depth: 46.0 feet

Started Drilling: June 29, 1966

Completed Drilling: June 29, 1966

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-29.0'	29'	Elberon	Middle Pleistocene
29.0'-44.0'	15'	Sedley	Pliocene ?
44.0'-46.0'	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 - gray, with few orange spots, fine-to medium, slightly clayey (15 percent clay) 4.0'-5.0' - 13 blows per foot 5.0'-6.0' - 15 blows per foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, with few streaks of orange (possibly laminated?) fine-to medium, 10 percent clay, noticeable opaque minerals 9.0'-10.0' - 10 blows per foot 10.0'-11.0' - 8 blows per foot Compressive strength: 0.9 ton per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - gray, fine-to medium, well-sorted, alternates with clay, and orange laminae (clayey sand beds) 14.0'-15.0' - 2 blows per foot 15.0'-16.0' - 3 blows per foot Compressive strength: 0.3 ton per square foot
	16.0-21.0	5	Flush Interval
	21.0-23.0	2	Sand - gray, medium, slightly clayey (10 percent clay) 21.0'-22.0' - 5 blows per foot 22.0'-23.0' - 6 blows per foot Compressive strength: 0.3 ton per square foot
	23.0-24.0	1	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Elberon	24.0-26.0	2	Sand - light-gray, medium, well-sorted, noticeable opaque minerals, white specks 24.0'-25.0' - 10 blows per foot 25.0'-26.0' - 19 blows per foot Compressive strength: 0.2 ton per square foot
	26.0-29.0	3	Flush Interval
Sedley	29.0-31.0	2	Sand - gray, medium, well-sorted, very-thin streaks of black material, laminated, some wood (?) fragments 29.0'-30.0' - 20 blows per foot 30.0'-31.0' - 37 blows per foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	No Sample Recovery 34.0'-35.0' - 51 blows per foot 35.0'-36.0' - 53 blows per foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sand - bluish-gray, medium, alternating with 0.5 cm-thick layers of dark-gray silt 39.0'-40.0' - 21 blows per foot 40.0'-41.0' - 26 blows per foot Compressive strength: 0.5 ton per square foot
Yorktown	41.0-44.0	3	Flush Interval
	44.0-46.0	2	Sand - bluish-green, fine, very-fossiliferous, slightly clayey, (10 percent clay) 44.0'-45.0' - 9 blows per foot 45.0'-46.0' - 12 blows per foot

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