

County: Isle of Wight
VDMR Well #1674

Well: V-66-20

Property Owner: State, road right-of-way

Driller: Froehling and Robertson

Location: North side of State Road 644, 65 feet northwest of State Road 637

Altitude Top of Hole: 79.2 feet

Total Depth: 46.0 feet

Started Drilling: June 27, 1966

Completed Drilling: June 27, 1966

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-33.0'	33'	Elberon	Middle Pleistocene
33.0'-42.0'	9'	Sedley	Pliocene ?
42.0'-46.0'	4'	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 - bright-orange, fine-to coarse, clayey (40 percent), and clay, silty, gray, very-poorly sorted 4.0'-5.0' - 12 blows per foot 5.0'-6.0' - 21 blows per foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, medium-to coarse, clayey (30 percent) bright-orange spots (more sandy) 9.0'-10.0' - 21 blows per foot 10.0'-11.0' - 32 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-tan with bright orange streaks, medium-to coarse, well-sorted, trace of granules, noticeable opaque minerals 14.0'-15.0' - 8 blows per foot 15.0'-16.0' - 9 blows per foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - light-tan, medium-to coarse, well sorted, noticeable opaque minerals 19.0'-20.0' - 36 blows per foot 20.0'-21.0' - 43 blows per foot
	21.0-24.0	3	Flush Interval
	24.0-26.0	2	Sand - orangish-tan, turning to orange at 26.0', coarse, noticeable opaque minerals 24.0'-25.0' - 42 blows per foot 25.0'-26.0' - 57 blows per foot

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Formation	Depth in feet	Thickness in feet	Description
Elberon	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Sand - bright-orange, coarse, chunks of gray clay throughout 29.0'-30.0' - 10 blows per foot 30.0'-31.0' - 26 blows per foot
	31.0-33.0	2	Flush Interval
Sedley	33.0-34.0	1	Flush Interval
	34.0-36.0	2	Silt,- bluish-gray 34.0'-35.0' - 15 blows per foot 35.0'-36.0' - 19 blows per foot
	36.0-42.0	8	Flush Interval
Yorktown	42.0-44.0	2	Flush Interval,-first shells appear at 42.0 feet
	44.0-46.0	2	Sand,- bluish-green, fine-to medium, very fossiliferous, slightly clayey (10 percent clay) 44.0'-45.0' - 19 blows per foot 45.0'-46.0' - 25 blows per foot

