

County: Isle of Wight
VDMR Well #1222

Well: V-66-12
Property Owner: State, road right-of-way
Driller: Froehling and Robertson
Location: 20 feet southwest of intersection of State Road 601 and State Road 654
Altitude Top of Hole: 63.5 feet
Total Depth: 51.0 feet
Started Drilling: June 23, 1966
Completed Drilling: June 23, 1966
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-19.0'	19'	Elberon	Middle Pleistocene
19.0'-39.0'	20'	Sedley	Pliocene ?
39.0'-51.0'	12'	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	Clay - tan, (25 percent sand), horizontal streaks of bluish-gray and mottles of reddish-orange, trace of coarse sand 4.0'-5.0' - 10 blows per foot 5.0'-6.0' - 17 blows per foot Compressive strength: 2.2 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - tan with gray blotches, 15 percent clay, possibly laminated 9.0'-10.0' - 11 blows per foot 10.0'-11.0' - 17 blows per foot Compressive strength: 1.4 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - orange-tan with white areas, coarse, trace of granules, noticeable opaque minerals 14.0'-15.0' - 21 blows per foot 15.0'-16.0' - 10 blows per foot Compressive strength: non-cohesive Rupture
	16.0-19.0	3	Flush Interval
Sedley	19.0-21.0	2	Sand - bluish-gray, medium, slightly clayey (10%) micaceous 19.0'-20.0' - 6 blows per foot 20.0'-21.0' - 8 blows per foot
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Sedley	24.0-26.0	2	Sand - light-bluish-gray, medium, slightly clayey (10%) homogeneous micaceous 24.0'-25.0' - 5 blows per foot 25.0'-26.0' - 9 blows per foot Compressive strength: non-cohesive Rupture
	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Sand - dark-bluish-gray, medium to coarse, somewhat-clayey (15%) micaceous, green specks (glauconite) 29.0'-30.0' - 3 blows per foot 30.0'-31.0' - 10 blows per foot Compressive strength: 2 tons per square foot - Rupture
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Sand - similar to 29.0'-31.0' interval but slightly finer 34.0'-35.0' - 8 blows per foot 35.0'-36.0' - 11 blows per foot
Yorktown	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sand - greenish -blue, fine, 30 percent clay, micaceous 39.0'-40.0' - 3 blows per foot 40.0'-41.0' - 5 blows per foot
	41.0-49.0	8	Flush Interval (Shells in wash at 44.0')
	49.0-51.0	2	Sand - greenish-blue, fine 10 percent clay, fossiliferous, shell fragments up to 1 cm., micaceous 49.0'-50.0' - 10 blows per foot 50.0'-51.0' - 11 blows per foot

