

County: Nansemond  
VDMR Well #1224

Well: V-66-14  
Property Owner: State, road right-of-way  
Driller: Froehling and Robertson  
Location: West side of intersection of State Road 604 and 633  
Altitude Top of Hole: 76.2 feet  
Total Depth: 46.0 feet  
Started Drilling: June 24, 1966  
Completed Drilling: June 24, 1966  
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-34.0'	34'	Elberon	Middle Pleistocene
34.0'-44.0'	10'	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	Clay - gray, mottled red and orange-tan, fine-to coarse, sandy 4.0'-5.0' - 6 blows per foot 5.0'-6.0' - 10 blows per foot Compressive strength: 1.3 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Clay - gray, mottled tan and reddish, very-sandy, medium-to coarse, laminae or streaks of gray clay 9.0'-10.0' - 13 blows per foot 10.0'-11.0' - 20 blows per foot Compressive strength: 3.7 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Clay - gray, red, and tan; laminated, sandy, possibly clayey sand (red and tan) and silt (gray) interlaminated 14.0'-15.0' - 9 blows per foot 15.0'-16.0' - 15 blows per foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - tan, medium-to coarse, contains laminae of gray silt, somewhat clayey (20%) 19.0'-20.0' - 3 blows per foot 20.0'-21.0' - 4 blows per foot Compressive strength: 0.6 ton per square foot
21.0-24.0	21.0-24.0	3	Flush Interval

## VDMR Well #1224

Formation	Depth in feet	Thickness in feet	Description
Elberon	24.0-26.0	2	Sand - tan and orange, medium-to coarse, interlaminated with gray silt 24.0'-25.0' - 4 blows per foot 25.0'-26.0' - 8 blows per foot Compressive strength: non-cohesive Rupture
	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Sand - pale tan, medium, well-sorted, noticeable opaque minerals, possibly laminated 29.0'-30.0' - 12 blows per foot 30.0'-31.0' - 14 blows per foot Compressive strength: non-cohesive
	31.0'-34.0	3	Flush Interval
Sedley	<del>34.0-36.0</del>	2	Silt - dark-bluish-gray, sandy, clayey, medium, interlaminated with sandy micaceous (change at 36.0 feet to fossiliferous sand) 34.0'-35.0' - 18 blows per foot 35.0'-36.0' - 8 blows per foot Compressive strength: 0.7 ton per square foot
	36.0-44.0	8	Flush Interval
Yorktown	44.0-46.0	2	Sand - greenish-gray, fine to medium, slightly clayey, fossiliferous (shells 1 cm.) 44.0'-45.0' - 12 blows per foot 45.0'-46.0' - 24 blows per foot



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*contact - bottom of no-sample interval ?  
R.H.H.*

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