

County: Nansemond
VDMR Well #1216

Well: V-66-6
Property Owner: City of Norfolk
Driller: Froehling and Robertson
Location: Center of abandoned borrow pit, 200 feet west of State Highway 10,
0.45 mile northeast of State Road 634
Altitude Top of Hole: 17.7 feet
Total Depth: 36.0 feet
Started Drilling: June 16, 1966
Completed Drilling: June 16, 1966
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-13.0'	13'	Elberon	Middle Pleistocene
13.0'-25.0'	12'	Sedley	Pliocene ?
25.0'-36.0'	11'	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 - dark-orange, medium, well-sorted, 10 percent silt, trace of granules 4.0'-5.0' - 21 blows per foot 5.0'-6.0' - 28 blows per foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - yellowish-tan, white streaks, medium, well-sorted, laminated, abundant, opaque minerals 9.0'-10.0' - 26 blows per foot 10.0'-11.0' - 31 blows per foot
	11.0-13.0	2	Flush Interval
Sedley	13.0-14.0	1	Flush Interval
	14.0-16.0	2	Sand - dark-bluish-gray, silty, homogeneous 14.0'-15.0' - 3 blows per foot 15.0'-16.0' - 3 blows per foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - dark-bluish-gray, fine to medium, micaceous, homogeneous 19.0'-20.0' - 3 blows per foot 20.0'-21.0' - 4 blows per foot
	21.0-25.0	4	Flush Interval (Contact at 25.0')
Yorktown	25.0-27.0	2	Sand - greenish-gray, very-fine, trace of silt, fine white specks and what may be decomposed shell. Sediment very brittle (compact, firm), greenish color caused by more glauconite 25.0'-26.0' - 55 blows per foot 26.0'-27.0' - 83 blows per foot

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Formation	Depth in feet	Thickness in feet	Description
Yorktown	27.0-31.0	4	Flush Interval (Shell fragments, echinoid plates, and <u>Turritella</u>)
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Silt - greenish-blue, fine-sandy, fossiliferous, good bedding-plane fabric of shell. 34.0'-35.0' - 17 blows per foot 35.0'-36.0' - 27 blows per foot

