

County: Surry  
VDMR Well #1966

Well: V-67-6  
Property Owner: State, road right-of-way  
Driller: Froehling and Robertson  
Location: South side of State Road 633, 0.2 mile northeast of intersection of  
State Road 634 and State Road 633  
Altitude Top of Hole: 68.0 feet  
Total Depth: 41.0 feet  
Started Drilling: June 14, 1967  
Completed Drilling: June 14, 1967  
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-17.5'	17.5'	Elberon	Middle Pleistocene
17.5'-27.0'	9.5'	Sedley	Pliocene ?
27.0'-41.0'	14.0'	Yorktown	Late Miocene

## GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Elberon	0-4.0	4	Flush Interval
	4.0-6.0	2	Sand - orange, medium-coarse, dark-orange areas, trace of granules, silty (15%), homogeneous 4.0 <sup>t</sup> -5.0 <sup>t</sup> - 8 blows per foot 5.0 <sup>t</sup> -6.0 <sup>t</sup> - 13 blows per foot Compressive strength: 0.75 ton per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - pale-orangish-tan, medium-coarse, trace of granules, homogeneous, some gray areas. 9.0 <sup>t</sup> -10.0 <sup>t</sup> - 15 blows per foot 10.0 <sup>t</sup> -11.0 <sup>t</sup> - 25 blows per foot Compressive strength: 1.3 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - orange, medium-coarse, gray streaks, coarser than the 9.0-11.0 interval, silty (20 percent) 14.0 <sup>t</sup> -15.0 <sup>t</sup> - 22 blows per foot 15.0 <sup>t</sup> -16.0 <sup>t</sup> - 27 blows per foot Compressive strength: 1.1 tons per square foot
	16.0-17.5	1.5	Flush interval
Sedley	17.5-19.0	1.5	Flush Interval
	19.0-21.0	2	Silt - gray, fine-sandy (20 percent) high percentage of orange mottling 19.0 <sup>t</sup> -20.0 <sup>t</sup> - 8 blows per foot 20.0 <sup>t</sup> -21.0 <sup>t</sup> - 12 blows per foot Compressive strength: 1.0 ton per square foot
	21.0-24.0	3	Flush Interval

Formation	Depth	Thickness	Description
Sedley (Cont.)	24.0-26.0	2	Silt - dark-brown, black streaks 24.0 <sup>f</sup> -25.0 <sup>f</sup> - 4 blows per foot 25.0 <sup>f</sup> -26.0 <sup>f</sup> - 4 blows per foot Compressive strength: 0.7 ton per square foot
	26.0-27.0	1.0	Flush Interval
Yorktown	27.0-29.0	2.0	Flush Interval
	29.0-31.0	2.0	Silt - orange-tan, calcareous concretions abundant, fossiliferous 29.0 <sup>f</sup> -30.0 <sup>f</sup> - 2 blows per foot 30.0 <sup>f</sup> -31.0 <sup>f</sup> - 6 blows per foot Compressive strength: no reading
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Similar to 29.0-31.0 interval, but pale-gray at base 34.0 <sup>f</sup> -35.0 <sup>f</sup> - 5 blows per foot 35.0 <sup>f</sup> -36.0 <sup>f</sup> - 5 blows per foot Compressive strength: 0.1 ton per square foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sand - dark-bluish-gray, very-fine, silty, shells abundant 39.0 <sup>f</sup> -40.0 <sup>f</sup> - 12 blows per foot 40.0 <sup>f</sup> -41.0 <sup>f</sup> - 12 blows per foot Compressive strength: 2.0 tons per square foot

