

County: Surry  
VDMR Well # 1970

Well: V-67-10

Property Owner: State, road right-of-way

Driller: Frøehling and Robertson

Location: East side of State Road 627, 0.2 mile north of intersection of  
State Highway 10 and State Road 627.

Altitude Top of Hole: 70.0 feet

Total Depth: 56 feet

Started Drilling: June 15, 1967

Completed Drilling: June 15, 1967

Sample Description by: N. K. Coch

#### GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-6.0'	6.0'	Fill (?)	Recent
6.0'-46.0'	40.0'	Sedley	Pliocene ?
46.0'-56.0'	10.0'	Yorktown	Late Miocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Fill (?)	0.0-4.0	4	Flush Interval
Sedley	4.0-6.0	2	Sand - bright-orange, medium-coarse, 15 percent silt (Fill ?) 4.0'-5.0' - 26 blows per foot 5.0'-6.0' - 29 blows per foot Compressive strength: no reading
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Silt - gray, and interlaminated silt, sand, orange 9.0'-10.0' - 11 blows per foot 10.0'-11.0' - 11 blows per foot Compressive strength: 1.25 tons per square foot (Rupture)
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Silt - dark-bluish-gray and sand, purplish-gray, fine-medium, trace granules, organic laminae 14.0'-15.0' - 2 blows per foot 15.0'-16.0' - 3 blows per foot Compressive strength: 0.6 ton per square foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Similar to 14.0-16.0' interval laminated sequence of silt and fine sand, all dark gray 19.0'-20.0' - 2 blows per foot 20.0'-21.0' - 4 blows per foot Compressive strength: 0.4 tons per square foot
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
	24.0-26.0	2	Silt - dark-gray, clayey, finely laminated 24.0'-25.0' - 25.0'-26.0' - Compressive strength: 0.6 ton per square foot
	26.0-29.0'	3	Flush Interval
	29.0-31.0	2	Similar to 24.0'-26.0' interval 29.0'-30.0' - 4 blows per foot 30.0'-31.0' - 6 blows per foot Compressive strength: 0.8 ton per square foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Clay - dark-gray, very-finely laminated 34.0'-35.0' - 5 blows per foot 35.0'-36.0' - 6 blows per foot Compressive strength: 1.25 tons per square foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Similar to 34.0'-36.0' interval 39.0'-40.0' - 5 blows per foot 40.0'-41.0' - 9 blows per foot Compressive strength: 1.3 tons per square foot
	41.0-44.0	3	Flush Interval
	44.0-46.0	2	Similar to 34.0'-36.0' interval 44.0'-45.0' - 6 blows per foot 45.0'-46.0' - 8 blows per foot Compressive strength: 1.4 tons per square foot
Yorktown	46.0-49.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
	49.0-51.0	2	Silt - greenish-gray, trace fine sand, definite shell fragments, some dark-brown and purple laminae 49.0'-50.0' - 7 blows per foot 50.0'-51.0' - 12 blows per foot Compressive strength: 1.3 tons per square foot
	51.0-54.0	3	Flush Interval
	54.0-56.0	2	Silt - greenish-gray, highly fossiliferous, whole forms and shell fragments 54.0'-55.0' - 8 blows per foot 55.0'-56.0' - 14 blows per foot Compressive strength: 1.6 tons per square foot

