

County: Surry  
VDMR Well #1962

Well: V-67-2  
Property Owner: State, road right-of-way  
Driller: Froehling and Robertson  
Location: Southeast side of State Road 617, 1.6 miles east of intersection of  
State Highway 10 and State Road 617.  
Altitude Top of Hole: 74.6 feet  
Total Depth: 43.0 feet  
Started Drilling: June 12, 1967  
Completed Drilling: June 12, 1967  
Sample Description by: N. K. Coch

#### GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-29.0'	29.0'	Elberon	Middle Pleistocene
29.0'-35.0'	6.0'	Sedley	Pliocene ?
35.0'-43.0'	8.0'	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 - tan, silty (30 percent) with reddish-orange bands and laminae of more-silty gray sand 4.0'-5.0' - 4 blows per foot 5.0'-6.0' - 5 blows per foot Compressive strength: 0.5 ton per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, silty (40 percent) some thin orange streaks 9.0'-10.0' - 8 blows per foot 10.0'-11.0' - 11 blows per foot Compressive strength: 0.8 ton per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - gray, medium-to coarse, 20 percent silt, orange-red blotches 14.0'-15.0' - 16 blows per foot 15.0'-16.0' - 16 blows per foot Compressive strength: 1.8 tons per square foot (rupture)
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - dark-orange, medium-to coarse, homogeneous, 20 percent silt, laminae of tan and orange clay with thin laminae of coarse sand between clay laminae at base 19.0'-20.0' - 6 blows per foot 20.0'-21.0' - 7 blows per foot Compressive strength: 0.8 ton per square foot
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Elberon	24.0-26.0	2	Sand - gray, coarse, granules, 5 percent silt, some opaque minerals 24.0'-25.0' - 6 blows per foot 25.0'-26.0' - 8 blows per foot Compressive strength: no reading
	26.0-29.0	3	Flush Interval
Sedley	29.0-31.0	2	Clay - pale-bluish-gray, interlaminated with silt, dark-bluish, non calcareous 29.0'-30.0' - 2 blows per foot 30.0'-31.0' - 2 blows per foot Compressive strength: no reading
	31.0-34.0	3	Flush Interval
	34.0-35.0	1	Silt - blue, interlaminated with clay, gray, some brown and green areas towards base 34.0'-35.0' - 2 blows per foot Compressive strength: 0.1 ton per square foot
Yorktown	35.0-35.5	.5	Silt - dark-brown, highly fossiliferous, excellent planar shell fabric 35.0'-35.5' - 2 blows per foot Compressive strength: no reading
	35.5-36.0	.5	Silt - dark-orange, sandy, highly fossiliferous whole forms and shell fragments 35.5'-36.0' - 2 blows per foot Compressive strength: no reading
	36.0-41.0	5	Flush Interval
	41.0-43.0	2	Calcrete, nodular, no fossils 41.0'-42.0' - 11 blows per foot 42.0'-43.0' - 12 blows per foot Compressive strength; no reading



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