

County: Isle of Wight
VDMR Well #1995

Well: V-67-35
Property Owner: State, road right-of-way
Driller: Froehling and Robertson
Location: North side of State Road 621, 100 feet east of intersection of State
Highway 10 and State Road 621
Altitude Top of Hole: 68.2 feet
Total Depth: 41.0 feet
Started Drilling: June 29, 1967
Completed Drilling: June 29, 1967
Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-22.0'	22.0'	Elberon	Middle Pleistocene
22.0'-30.0'	8.0'	Sedley	Pliocene ?
30.0'-41.0'	11.0'	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	Clay - brown, fine-sandy (20 percent), purplish-brown areas 4.0'-5.0' - 12 blows per foot 5.0'-6.0' - 20 blows per foot Compressive strength: 3.6 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, medium-coarse, 20 percent silt, some brown streaks 9.0'-10.0' - 12 blows per foot 10.0'-11.0' - 15 blows per foot Compressive strength: 1.75 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - gray, medium, trace coarse, brown bands, sandier than 9.0'-11.0' interval 14.0'-15.0' - 12 blows per foot 15.0'-16.0' - 15 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 but trace of granules and some thick laminae of gray clay 19.0'-20.0' - 15 blows per foot 20.0'-21.0' - 21 blows per foot Compressive strength: no reading
	21.0-22.0	1	Flush Interval
	Sedley	22.0-24.0	2
24.0-26.0		2	Sand - orange, fine-silty; interlaminated silt, gray, sandy 24.0'-25.0' - 9 blows per foot 25.0'-26.0' - 7 blows per foot Compressive strength: 0.5 tons per square foot

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Formation	Depth in feet	Thickness in feet	Description
Sedley	26.0-29.0	3	Flush Interval
	29.0-30.0	1	Similar to 24.0'-26.0' interval but noticeable opaque minerals and more sandy 29.0'-30.0' - 4 blows per foot Compressive strength: no reading
	30.0-31.0	1	Silt - very-dark-brownish-red, concretionary 30.0'-31.0' - 12 blows per foot Compressive strength: no reading
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Concreted shell fragments and calcareous matrix, pale-tan 34.0'-35.0' - 10 blows per foot 35.0'-36.0' - 11 blows per foot Compressive strength: no reading
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Similar to 34.0'-36.0' interval but light-tan 39.0'-40.0' - 14 blows per foot 40.0'-41.0' - 15 blows per foot Compressive strength: no reading

