

County: Isle of Wight
VDMR Well #1977

Well: V-67-17

Property Owner: State, road-right-of-way

Driller: Froehling and Robertson

Location: Northeast corner of intersection of State Road 673 and State Road
677

Altitude Top of Hole: 73.4 feet

Total Depth: 36.0 feet

Started Drilling: June 20, 1967

Completed Drilling: June 20, 1967

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-21.5'	21.5'	Elberon	Middle Pleistocene
21.5'-27.5'	6.5'	Sedley	Pliocene ?
27.5'-36.0'	8.5'	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 - gray, sandy, trace granules, heavily mottled with dark-red and ferricretes, poorly sorted 4.0'-5.0' - 20 blows per foot 5.0'-6.0' - 25 blows per foot Compressive strength: 2.6 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - orange, fine, trace medium, 30 percent silt and interlaminated silt, very fine lamination 9.0'-10.0' - 18 blows per foot 10.0'-11.0' - 24 blows per foot Compressive strength: 3.0 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - gray, medium-coarse, well-sorted, tan bands 14.0'-15.0' - 12 blows per foot 15.0'-16.0' - 19 blows per foot Compressive strength: no reading
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - orange, coarse, poorly sorted, trace of granules, thick laminae of gray clay 19.0'-20.0' - 8 blows per foot 20.0'-21.0' - 8 blows per foot Compressive strength: no reading
	21.0-21.5	0.5	Flush Interval

VDMR Well #1977

Formation	Depth in feet	Thickness in feet	Description
Sedley	21.5-24.0	2.5	Flush Interval
	24.0-26.0	2	Silt - bluish-gray, trace fine sand, Very finely laminated 24.0'-25.0' - 3 blows per foot 25.0'-26.0' - 5 blows per foot Compressive strength: 0.7 ton per square foot
	26.0-27.5	1.5	Flush Interval
Yorktown	27.5-29.0	1.5	Flush Interval
	29.0-31.0	2	Coquinite - pale-bluish-gray, 20 percent silt, broken fine shells, some streaks of pure bluish-gray silt 29.0'-30.0' - 12 blows per foot 30.0'-31.0' - 14 blows per foot Compressive strength: 1.0 ton per square foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Coquinite - pale-gray, 10 percent silt 34.0'-35.0' - 12 blows per foot 35.0'-36.0' - 14 blows per foot Compressive strength: no reading

INTERVAL SHEET

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VDMR Well No: 1977

Date rec'd: 9/21/67

Sample Interval: from 4 to 36

PROP: State Right of Way
Well V-67-17

Number of samples: 7

COMP: Froehling and Robertson

Total Depth: 36'

COUNTY: Isle of Wight

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To
-	-	-	-
4 - 6	-	-	-
-	-	-	-
9 - 11	-	-	-
-	-	-	-
14 - 16	-	-	-
-	-	-	-
19 - 21	-	-	-
-	-	-	-
24 - 26	-	-	-
-	-	-	-
29 - 31	-	-	-
-	-	-	-
34 - 36	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples