

County: Isle of Wight
VDMR Well #1981

Well: V-67-21

Property Owner: State, road right-of-way

Driller: Froehling and Robertson

Location: Southeast corner of intersection of State Road 626 and State Road 627

Altitude Top of Hole: 87.0 feet

Total Depth: 41.0 feet

Started Drilling: June 21, 1967

Completed Drilling: June 21, 1967

Sample Description by: N. K. Coch

GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-14.0'	14.0'	Elberon	Middle Pleistocene
14.0'-32.0'	18.0'	Sedley	Pliocene ?
32.0'-41.0'	9.0'	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 - gray, medium, trace of coarse, silty (30 percent), faint orange mottling, thinly laminated 4.0'-5.0' - 9 blows per foot 5.0'-6.0' - 13 blows per foot Compressive strength: 3.25 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - gray, medium to coarse, silty (20 percent), heavy-dark orange mottling, noticeable opaque minerals 9.0'-10.0' - 4 blows per foot 10.0'-11.0' - 6 blows per foot Compressive strength: no reading
	11.0-14.0	3	Flush Interval
Sedley	14.0-16.0	2	Clay - pale gray, sandy (35 percent), compact, laminated 14.0'-15.0' - 6 blows per foot 15.0'-16.0' - 8 blows per foot Compressive strength: 1.25 tons per square foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - gray, medium, trace of coarse, well-sorted and very-thin clay laminae 19.0'-20.0' - 5 blows per foot 20.0'-21.0' - 9 blows per foot Compressive strength: no reading
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Sedley	24.0-26.0	2	Silt - dark-gray, trace very-fine sand, dark, organic streaks cut across laminae, organic smell (H ₂ S) 24.0'-25.0' - 2 blows per foot 25.0'-26.0' - 3 blows per foot Compressive strength: 0.5 tons per square foot
	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Silt - greenish-gray, laminated, very-fine sand, noticeable opaque minerals 29.0'-30.0' - 2 blows per foot 30.0'-31.0' - 2 blows per foot Compressive strength: 0.5 ton per square foot
	31.0-32.0	1	Flush Interval
Yorktown	32.0-34.0	2	Flush Interval
	34.0-36.0	2	Coquinite - bluish-gray, 20 percent silt, many small shell fragments and small shell forms 34.0'-35.0' - 14 blows per foot 35.0'-36.0' - 18 blows per foot Compressive strength: no reading
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Silt - dark-greenish-gray, large percentage of small shell fragments 39.0'-40.0' - 15 blows per foot 40.0'-41.0' - 18 blows per foot Compressive strength: no reading

INTERVAL SHEET

Page 1 of 1 VDMR Well No: 1981
 Date rec'd: 9/22/67 Sample Interval: from 4 to: 41
 PROP: State Right of Way Number of samples: 8
 Well V-67-21
 COMP: Froehling and Robertson Total Depth: 41'
 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	-	-	-
39 - 41	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples