

County: Isle of Wight
VDMR Well #1978'

Well: V-67-18
Property Owner: State, road-right-of-way
Driller: Froehling and Robertson
Location: South side of State Road 686, 0.6 mile northeast of intersection
of State Road 676 and State Road 686
Altitude Top of Hole: 29.0 feet
Total Depth: 51.0 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'-46.0'	46.0'	Norfolk	Late Pleistocene
46.0'-51.0'	5.0'	Yorktown	Late Miocene

GEOLOGIC LOG

Formation	Depth in feet	Thickness in feet	Description
Norfolk	0.0-4.0	4	Flush Interval
	4.0-6.0	2	Clay - medium-gray, laminated, some very-thin sand laminae (orangish-tan) 4.0'-5.0' - 8 blows per foot 5.0'-6.0' - 13 blows per foot Compressive strength: 1.6 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Similar to 4.0'-6.0' interval but thicker laminae of silty sand (20 percent), heavily oxidized with ferricrete crusts 9.0'-10.0' - 6 blows per foot 10.0'-11.0' - 9 blows per foot Compressive strength: 2.1 tons per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Silt - olive-gray, trace fine sand, faintly laminated 14.0'-15.0' - 9 blows per foot 15.0'-16.0' - 11 blows per foot Compressive strength: 0.9 ton per square foot
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - blue, fine, 50 percent silt and interlaminated clay, bluish-gray with streaks and bands of greenish-brown and orange 19.0'-20.0' - 2 blows per foot 20.0'-21.0' - 4 blows per foot Compressive strength: 0.3 ton per square foot
	21.0-24.0	3	Flush Interval

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Formation	Depth in feet	Thickness in feet	Description
Norfolk	24.0-26.0	2	Sand - pale-tan, coarse, trace medium, some pebbles, 10 percent silt 24.0'-25.0' - 11 blows per foot 25.0'-26.0' - 16 blows per foot Compressive strength: no reading
	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Similar to 24.0'-26.0' interval but paler-tan, non-calcareous white specks, noticeable opaque minerals 29.0'-30.0' - 10 blows per foot 30.0'-31.0' - 14 blows per foot Compressive strength: 0.5 ton per square foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Similar to 24.0'-26.0' interval but coarser with silty bluish-gray streaks (more silty) trace organic material (wood ?) 34.0'-35.0' - 13 blows per foot 35.0'-36.0' - 16 blows per foot Compressive strength: no reading
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sand - dark-orange, coarse, trace granules, some brown areas which are finer-grained than dark-brange sand 39.0'-40.0' - 26 blows per foot 40.0'-41.0' - 33 blows per foot Compressive strength: no reading
	41.0-44.0	3	Flush Interval
	44.0-46.0	2	Sand - gray, medium-coarse, trace granules, some bluish-gray, more silty areas, noticeable opaque minerals 44.0'-45.0' - 24 blows per foot 45.0'-46.0' - 17 blows per foot Compressive strength: no reading
	Yorktown	46.0-49.0	3

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Formation	Depth in feet	Thickness in feet	Description
Yorktown	49.0-51.0	2	Sand - blue, 30 percent silt, shelly, large broken pelecypod plates common 49.0'-50.0' - 16 blows per foot 50.0'-51.0' - 19 blows per foot Compressive strength: no reading

INTERVAL SHEET

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VDMR Well No: 1978

Date rec'd: 9/21/67

Sample Interval: from 4 to: 51

PROP: State Right of Way
Well V-67-18

Number of samples: 10

COMP: Froehling and Robertson

Total Depth: 51'

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	-	-	-
-	-	-	-
44 - 46	-	-	-
-	-	-	-
49 - 51	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-