

County: Isle of Wight  
VDMR Well #1983

Well: V-67-23

Property Owner: State, road right-of-way

Location: South side of State Road 626, 1.7 miles west of intersection of State  
Road 627 and State Road 626

Driller: Froehling and Robertson

Altitude Top of Hole: 86.0 feet

Total Depth: 61.0 feet

Started Drilling: June 22, 1967

Completed Drilling: June 22, 1967

Sample Description by: N. K. Coch

### GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-22.0'	22.0'	Elberon	Middle Pleistocene
22.0'-52.0'	30.0'	Sedley	Pliocene ?
52.0'-61.0'	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 - orange, fine-to medium, silty (40 percent), gray mottling, some brick-red blotches 4.0 <sup>1</sup> -5.0 <sup>1</sup> - 13 blows per foot 5.0 <sup>1</sup> -6.0 <sup>1</sup> - 17 blows per foot Compressive strength: 2.7 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - tan, medium-to coarse, silty (25 percent), some gray and red bands, trace of granules, some small brick-red crusts 9.0 <sup>1</sup> -10.0 <sup>1</sup> - 7 blows per foot 10.0 <sup>1</sup> -11.0 <sup>1</sup> - 6 blows per foot Compressive strength: 0.5 ton per square foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - pink, medium, trace of coarse, streaks <sup>of</sup> to gray silt, some orange bands 14.0 <sup>1</sup> -15.0 <sup>1</sup> - 2 blows per foot 15.0 <sup>1</sup> -16.0 <sup>1</sup> - 2 blows per foot Compressive strength: No reading
	16.0-19.0	3	Flush Interval
	19.0-21.0	2	Sand - orangish-tan, medium, to coarse trace of silt, trace of granules and clay, gray and pink, thickly laminated 19.0 <sup>1</sup> -20.0 <sup>1</sup> - 2 blows per foot 20.0 <sup>1</sup> -21.0 <sup>1</sup> - 6 blows per foot Compressive strength: 0.5 ton per square foot
	21.0-22.0	1	Flush Interval

## VDMR Well #1983

Formation	Depth in feet	Thickness in feet	Description
Sedley	22.0-24.0	2	Flush Interval
	24.0-26.0	2	Silt - orange, trace gray thinly laminated fine sand, and silt 24.0'-25.0' - 2 blows per foot 25.0'-26.0' - 3 blows per foot Compressive strength: 0.8 ton per square foot
	26.0-29.0	3	Flush Interval
	29.0-31.0	2	Silt - dark-greenish-gray, and sand, pale-gray, fine-to medium, trace of silt 29.0'-30.0' - 2 blows per foot 30.0'-31.0' - 2 blows per foot Compressive strength: 0.7 ton per square foot
	31.0-34.0	3	Flush Interval
	34.0-36.0	2	Silt - dark-olive-gray, trace of sand, soft, laminated 34.0'-35.0' - 2 blows per foot 35.0'-36.0' - 4 blows per foot Compressive strength: 0.75 ton per square foot
	36.0-39.0	3	Flush Interval
	39.0-41.0	2	Sand - greenish-gray, very-fine, silty (40 percent), homogeneous 39.0'-40.0' - 3 blows per foot 40.0'-41.0' - 4 blows per foot Compressive strength: 0.75 ton per square foot
	41.0-44.0	3	Flush Interval
	44.0-46.0	2	Similar to 39.0'-41.0' interval 44.0'-45.0' - 3 blows per foot 45.0'-46.0' - 6 blows per foot Compressive strength: 0.75 ton per square foot
	46.0-49.0	3	Flush Interval

## VDMR Well #1983

Formation	Depth in feet	Thickness in feet	Description
Sedley	49.0-51.0	2	Similar to 39.0'-41.0' interval 49.0'-50.0' - 3 blows per foot 50.0'-51.0' - 5 blows per foot Compressive strength: 0.6 ton per square foot
	51.0-52.0	1	Flush Interval
Yorktown	52.0-54.0	2	Flush Interval
	54.0-56.0	2	Silt - greenish-gray, sandy, fine (40 percent), calcareous matrix, some shell fragments and small whole shell forms 54.0'-55.0' - 7 blows per foot 55.0'-56.0' - 9 blows per foot Compressive strength: 1.5 tons per square foot
	56.0-59.0	3	Flush Interval
	59.0-61.0	2	Silt - greenish-gray, sandy (40 percent), fine, much more fossiliferous than 54.0'-56.0' interval, high percentage opaque minerals (glauconite?) 59.0'-60.0' - 9 blows per foot 60.0'-61.0' - 14 blows per foot Compressive strength: 1.5 tons per square foot

INTERVAL SHEET

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VDMR Well No: 1983

Date rec'd: 9/25/67

Sample Interval: from 4 to: 61

PROP: State Right of Way  
Well V-67-23

Number of samples: 12

COMP: Froehling and Robertson

Total Depth: 61'

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	-	-	-
-	-	-	-
54 - 56	-	-	-
-	-	-	-
59 - 61	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples