

County: Isle of Wight  
VDMR Well #1677

Well: V-66-23

Property Owner: State, road right-of-way

Driller: Froehling and Robertson

Location: Northeast side of State Road 652, 310 feet southeast of State Road  
627 intersection

Altitude Top of Hole: 76.4 feet

Total Depth: 26.0 feet

Started Drilling: June 30, 1966

Completed Drilling: June 30, 1966

Sample Description by: N. K. Coch

#### GEOLOGIC SUMMARY

Depth	Thickness	Formation	Age
0.0'-19.0'	19'	Elberon	Middle Pleistocene
19.0'-22.0'	3'	Sedley	Pliocene ?
22.0'-26.0'	4'	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 - pale-gray with large areas of bright-orange, medium-to coarse, clayey (40 percent clay), granules laminae of gray silt. Very-poorly-sorted but distinct size changes between laminae 4.0'-5.0' - 14 blows per foot 5.0'-6.0' - 18 blows per foot Compressive strength: 1.8 tons per square foot
	6.0-9.0	3	Flush Interval
	9.0-11.0	2	Sand - pale-tan with orange and yellow mottling, medium-to coarse, well-sorted, noticeable opaque minerals and granules 9.0'-10.0' - 9 blows per foot 10.0'-11.0' - 10 blows per foot
	11.0-14.0	3	Flush Interval
	14.0-16.0	2	Sand - orange-tan, coarse, granules, pieces of ferricrete 14.0'-15.0' - 8 blows per foot 15.0'-16.0' - 8 blows per foot
	16.0-19.0	3	Flush Interval
Sedley	19.0-21.0	2	Silt - greenish-gray, fine-sandy, probably laminated fine sand and silt, white specks possible fragments of shells 19.0'-20.0' - 3 blows per foot 20.0'-21.0' - 4 blows per foot
	21.0-22.0	1	Flush Interval (Shells at 22.0')

Formation	Depth in feet	Thickness in feet	Description
Yorktown	22.0-24.0	2	Flush Interval
	24.0-26.0	2	Sand - silty, fine, very fossiliferous mostly fragment and small forms 24.0'-25.0' - 15 blows per foot 25.0'-26.0' - 19 blows per foot Compressive strength: 2.0 tons per square foot

INTERVAL SHEET

Page 1	of 1	Well Repository No: 1677
Date rec'd:	8/15/66	Sample Interval: from 4 to: 26
PROPERTY:	Coch V-23	Number of samples: 4
COMPANY:	Froehling and Robertson	Total Depth: 26
COUNTY:	Isle of Wight	Oil or Gas: Water: Exploratory: X

From - To	From - To	From - To	From - To
4 - 6	-	-	-
9 - 11	-	-	-
19 - 21	-	-	-
24 - 26	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples.

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VIRGINIA DIVISION OF MINERAL RESOURCES  
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1

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PROPERTY: Coch V-23

Number of samples: 4

COMPANY: Froehling and Robertson

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COUNTY: Isle of Wight

Oil or Gas: Water: Exploratory: 2

From - To	From - To	From - To	From - To
4 - 6	-	-	-
9 - 11	-	-	-
19 - 21	-	-	-
24 - 26	-	-	-
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