

VDMR Well No. 2551  
County: Powhatan

Well: 2551  
Property: Commonwealth of Virginia  
Driller: Froehling & Robertson, Inc.  
Location: On State Road 711, .15 mile southeast of intersection with State Road 624.

Elevation: 215 feet  
Total Depth: 41.9 feet  
Started drilling: June, 1969 Completed drilling: June, 1969  
Sample description by: B.K. Goodwin, College of William & Mary, July, 1969

GEOLOGIC LOG

Depth in  
feet

GRAVEL (0 - 28')

- 0 - 5 Gravel ----- indian red mottled with yellowish-brown, rounded quartz granules and pebbles, silt and fine-sand matrix
- 5 - 10 Silt ----- indian red, sandy, minor quartz granules
- 10 - 15 "
- 15 - 20 Gravel ----- reddish-brown, silt and coarse-sand matrix, rounded quartz granules and pebbles
- 20 - 28 "

NEWARK GROUP (28 - 39.5')

- 28 - 30 Silt ----- yellowish-brown, minor very fine-sand, micaceous
- 30 - 35 Shale ----- yellowish- and reddish-brown, laminated, decomposed, slightly micaceous
- 35 - 39.5 Shale ----- dark gray, decomposed, minor very fine-grained sand, slightly micaceous

GEOLOGIC SUMMARY

Rock Unit

Age

0 - 28	Gravel	Tertiary (Z)
28 - 39.5	Newark Group	Middle to Late Triassic

0 - 5	gravel
5 - 15	<del>silt with minor quartz granules</del>
15 - 28	gravel
28 - 39.5	<del>decomposed</del> <sup>Dark-gray</sup> shale

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Well: 2551 GEOLOGIC SUMMARY  
 Property: Commonwealth of Virginia  
 Driller: Froehling & Robertson, Inc.  
 Location: On State Road 711, .15 mile southeast of intersection with State  
 Road 624. Rock Unit  
 Elevation: 2.5 feet Tertiary Gravel 0 - 28  
 Total Depth: 41.9 feet  
 Started drilling: June, 1969 Newark Group 28 - 39.5  
 Sample description by: B. K. Goodwin, College of William & Mary, July, 1969

GEOLOGIC LOG

Depth in  
feet

GRAVEL (0 - 28')

0 - 5 Gravel --- indian red mottled with yellowish-brown, rounded quartz granules and pebbles, silt and fine-sand matrix  
 5 - 10 Silt --- indian red, sandy, minor quartz granules  
 10 - 15 "  
 15 - 20 Gravel ---reddish brown, silt and coarse-sand matrix, rounded quartz granules and pebbles  
 20 - 28 "

NEWARK GROUP ( 28 - 39.5')

28 - 30 Silt --- yellowish-brown, minor very fine-sand, micaceous  
 30 - 35 Shale --- yellowish - and reddish-brown, laminated, decomposed slightly micaceous  
 35 - 39.5 Shale --- dark gray, decomposed, minor very fine-grained sand, slightly micaceous



GEOLOGIC SUMMARY

Well: 2551  
 Property: Commonwealth of Virginia  
 Driller: Frenkeling & Robertson, Inc.  
 Location: On State Road 111, 1.5 mile southeast of intersection with State Road 624.  
 Elevation: 2.5 feet  
 Total Depth: 41.9 feet  
 Started Drilling: Middle to Late Triassic  
 Sample description by: B. K. Goodwin, College of William & Mary, July, 1969

0 - 28 Gravel  
 28 - 39.5 Newark Group

Rock Unit

Age

GEOLOGIC LOG

Depth in feet	Description
GRAVEL (0 - 28')	
0 - 5	Gravel --- Indian red mottled with yellowish-brown, rounded quartz granules and pebbles, silt and fine-sand matrix
5 - 10	Silt --- Indian red, sandy, minor quartz granules
10 - 15	"
15 - 20	Gravel --- reddish brown, silt and coarse-sand matrix, rounded quartz granules and pebbles
20 - 28	"
NEWARK GROUP (28 - 39.5')	
28 - 30	Silt --- yellowish-brown, minor very fine-sand, micaceous
30 - 35	Shale --- yellowish - and reddish-brown, laminated, decomposed slightly micaceous
35 - 39.5	Shale --- dark gray, decomposed, minor very fine-grained sand, slightly micaceous

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

INTERVAL SHEET

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Well Repository No.: W- 2551

Date rec'd: Date Processed: 1-13-71

Sample Interval: from 4.0 to: 39.5

PROPERTY: Commonwealth of Virginia

Number of samples: 16

COMPANY: Foehling & Robertson, Inc.

Total Depth: 16

COUNTY: Powhatan

Oil or Gas: Water: Exploratory: X

From-To	From-To	From-To	From-To	From-To
4.0 - 4.5	-	-	-	-
4.5 - 5.0	-	-	-	-
9.0 - 9.5	-	-	-	-
9.5 - 10.0	-	-	-	-
14.0 - 14.5	-	-	-	-
14.5 - 15.0	-	-	-	-
19.0 - 19.5	-	-	-	-
19.5 - 20.0	-	-	-	-
24.0 - 24.5	-	-	-	-
24.5 - 25.0	-	-	-	-
29.0 - 29.5	-	-	-	-
29.5 - 30.0	-	-	-	-
34.0 - 34.5	-	-	-	-
34.5 - 35.0	-	-	-	-
39.0 - 39.3	-	-	-	-
39.3 - 39.5	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

unwashed only.

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

INTERVAL SHEET

Page 1 of 1

Well Repository No: **2551**

Date rec'd: ; processed **1-13-74**

Sample Interval: from **4.0** to **39.5**

PROPERTY: *Commonwealth of Virginia*

Number of samples: **16**

COMPANY: *Feachery + Robertson, Inc.*

Total Depth: **41.9**

COUNTY: *Southampton*

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
4.0 - 4.5	-	-	-
4.5 - 5.0	-	-	-
5.0 - 5.5	-	-	-
5.5 - 6.0	-	-	-
6.0 - 6.5	-	-	-
6.5 - 7.0	-	-	-
7.0 - 7.5	-	-	-
7.5 - 8.0	-	-	-
8.0 - 8.5	-	-	-
8.5 - 9.0	-	-	-
9.0 - 9.5	-	-	-
9.5 - 10.0	-	-	-
10.0 - 10.5	-	-	-
10.5 - 11.0	-	-	-
11.0 - 11.5	-	-	-
11.5 - 12.0	-	-	-
12.0 - 12.5	-	-	-
12.5 - 13.0	-	-	-
13.0 - 13.5	-	-	-
13.5 - 14.0	-	-	-
14.0 - 14.5	-	-	-
14.5 - 15.0	-	-	-
15.0 - 15.5	-	-	-
15.5 - 16.0	-	-	-
16.0 - 16.5	-	-	-
16.5 - 17.0	-	-	-
17.0 - 17.5	-	-	-
17.5 - 18.0	-	-	-
18.0 - 18.5	-	-	-
18.5 - 19.0	-	-	-
19.0 - 19.5	-	-	-
19.5 - 20.0	-	-	-
20.0 - 20.5	-	-	-
20.5 - 21.0	-	-	-
21.0 - 21.5	-	-	-
21.5 - 22.0	-	-	-
22.0 - 22.5	-	-	-
22.5 - 23.0	-	-	-
23.0 - 23.5	-	-	-
23.5 - 24.0	-	-	-
24.0 - 24.5	-	-	-
24.5 - 25.0	-	-	-
25.0 - 25.5	-	-	-
25.5 - 26.0	-	-	-
26.0 - 26.5	-	-	-
26.5 - 27.0	-	-	-
27.0 - 27.5	-	-	-
27.5 - 28.0	-	-	-
28.0 - 28.5	-	-	-
28.5 - 29.0	-	-	-
29.0 - 29.5	-	-	-
29.5 - 30.0	-	-	-
30.0 - 30.5	-	-	-
30.5 - 31.0	-	-	-
31.0 - 31.5	-	-	-
31.5 - 32.0	-	-	-
32.0 - 32.5	-	-	-
32.5 - 33.0	-	-	-
33.0 - 33.5	-	-	-
33.5 - 34.0	-	-	-
34.0 - 34.5	-	-	-
34.5 - 35.0	-	-	-
35.0 - 35.5	-	-	-
35.5 - 36.0	-	-	-
36.0 - 36.5	-	-	-
36.5 - 37.0	-	-	-
37.0 - 37.5	-	-	-
37.5 - 38.0	-	-	-
38.0 - 38.5	-	-	-
38.5 - 39.0	-	-	-
39.0 - 39.5	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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*Unwashed only.*