

VDMR Well No. 2550
County: Powhatan

Well: 2550
Property: Commonwealth of Virginia
Driller: Froehling & Robertson, Inc.
Location: On State Road 711, .97 mile southeast of intersection with State Road 652.

Elevation: 220 feet
Total Depth: 42.1 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 AND ALLUVIUM (0 - 28')

0 - 5	Clay ----- indian red mottled with gray and yellowish-brown, sandy, micaceous
5 - 10	Sand ----- indian red mottled with yellowish-gray, fine-grained, silty
10 - 15	Sand ----- indian red mottled with yellowish-brown, fine-grained, silty, slightly micaceous
15 - 20	Sand ----- yellowish-gray mottled with indian red, very fine-grained, silty
20 - 28	Gravel ----- yellowish-brown, coarse sand matrix, quartz pebbles

NEWARK GROUP (28 - 39.3')

28 - 30	Silt - yellowish-brown, sandy with fine-grained sand, carbonaceous laminae, micaceous
30 - 35	Shale ----- gray with flecks of yellowish-brown, decomposed, carbonaceous laminae
35 - 39.3	Shale ----- medium gray, decomposed, sandy

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-28	Gravel	Tertiary (?)
28-39.3	Newark Group	Middle to Late Triassic
-		
-		
2	[0 - 22.5 sand	
	[22.5 - 28 gravel	
	[28 - 39.3 gray shale]	
-		
-		
-		

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GEOLOGIC LOG

Depth in feet

GRAVEL AND ALLUVIUM (0 - 28')

- 0 - 5 Clay---indian red mottled with gray and yellowish-brown, sandy, micaceous
- 5 - 10 Sand ---indian red mottled with yellowish-gray, fine-grained, silty
- 10 - 15 Sand ---indian red mottled with yellowish-brown, fine grained, silty, slightly micaceous
- 15 - 20 Sand --- yellowish-gray mottled with indian red, very fine-grained, silty
- 20 - 28 Gravel --- yellowish-brown, coarse sand matrix, quartz pebbles

NEWARK GROUP (28 - 39.3')

- 28 - 30 Silt - yellowish-brown, sandy with fine-grained sand, carbonaceous laminae, micaceous
- 30 - 35 Shale ---gray with flecks of yellowish-brown, decomposed carbonaceous laminae
- 35 - 39.3 Shale ---medium gray, decomposed, sandy

GEOLOGIC SUMMARY

Rock Unit

0 - 28 Gravel
 28 - 39.3 Newark Group

Tertiary
 Middle to Late Traissic

Completed drilling: June 1969
 Sample description by: R. K. Goodwin, College of William & Mary, July, 1969.

Started drilling: June, 1969
 Total depth: 42.1 feet

GEOLOGIC LOG

Depth in
 feet

GRAVEL AND SILTSTONE (0 - 28')

0 - 5 Clay--Indian red mottled with gray and yellowish-brown, sandy, micaceous

5 - 10 Sand--Indian red mottled with yellowish-gray, fine-grained, silty

10 - 15 Sand--Indian red mottled with yellowish-brown, fine grained, silty, slightly micaceous

15 - 20 Sand--yellowish-gray mottled with Indian red, very fine-grained, silty

20 - 28 Gravel--yellowish-brown, coarse sand matrix, quartz pebbles

NEWARK GROUP (28 - 39.3')

28 - 30 silt - yellowish-brown, sandy with fine-grained sand, micaceous, indurated, silty

30 - 35 shale--gray with streaks of yellowish-brown, decomposed carbonaceous, laminar

35 - 39.3 shale--medium gray, decomposed, sandy

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

INTERVAL SHEET

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Well Repository No.: W- 2550

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

Sample Interval: from 40 to: 39.3

PROPERTY: Commonwealth of Virginia

Number of samples: 16

COMPANY: Foehling & Robertson, Inc.

Total Depth: 42.1

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 - 39.2	-	-	-	-
39.2 - 39.3	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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unwashed only

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Box 3667, Charlottesville, VA 22903

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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 - 39.2	-	-	-	-
39.2 - 39.3	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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unwashed only