

VDMR Well No. 2568
County: Chesterfield

Well: 2568
Property: Commonwealth of Virginia
Driller: Froehling & Robertson, Inc.
Location: On State Road 714, .74 mile northwest of intersection with
State Road 902.

Elevation: 358 feet
Total Depth: 53.5 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 - 22')

0 - 5 Clay----indian red, silty, a few rounded small quartz pebbles
5 - 10 Gravel----indian red, clay and silt matrix, quartz and quartzite pebbles.
10 - 15 Gravel----light tan, sand matrix, numerous white rounded quartz pebbles
15 - 22 Gravel----tan, sand matrix, numerous white rounded quartz pebbles

NEWARK GROUP (22 - 53.5')

22 - 25 Clay----mottled yellowish-brown and yellowish-gray
25 - 30 Clay----mottled yellowish-brown and reddish-brown.
30 - 35 Clay----laminated yellowish-brown and tan.
35 - 40 Clay----laminated yellowish-brown, tan, and gray.
40 - 45 Shale---yellowish-brown, decomposed, laminated, carbonaceous lenses
45 - 53.5 Shale----dark gray, decomposed, micaceous

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
0 - 22 Gravel	Tertiary (?)
22 - 53.5 Newark Group	Middle to Late Triassic

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Depth in
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GRAVEL (0 - 22')

- 0 - 5 Clay ----- indian red, silty, a few rounded small quartz pebbles
- 5 - 10 Gravel ----- indian red, clay and silt matrix, quartz and quartzite pebbles
- 10 - 15 Gravel ----- light tan, sand matrix, numerous white rounded quartz pebbles
- 15 - 22 Gravel ----- tan, sand matrix, numerous white rounded quartz pebbles

NEWARK GROUP (22 - 53.5')

- 22 - 25 Clay ----- mottled yellowish-brown and yellowish-gray
- 25 - 30 Clay ----- mottled yellowish-brown and reddish-brown
- 30 - 35 Clay ----- laminated yellowish-brown and tan
- 35 - 40 Clay ----- laminated yellowish-brown, tan, and gray, ~~carbonaceous~~ carbonaceous
- 40 - 45 Shale ----- yellowish-brown, decomposed, laminated, carbonaceous lenses
- 45 - 53.5 Shale ----- dark gray, decomposed, micaceous

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 22	Gravel	Tertiary (?)
22 - 53.5	Newark Group	Middle to Late Triassic
-		
-		
-		

g	0 - 22	gravel
	22 - 40	clay or highly decomposed shale
	40 - 53.5	decomposed shale
	-	
	-	

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

INTERVAL SHEET

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Well Repository No: 2568

Date rec'd: ; processed 1-14-71

Sample Interval: from 4.0 to: 50.0

PROPERTY: Commonwealth of Virginia

Number of samples: 20

COMPANY: Froehling + Robertson, Inc.

Total Depth: 53.5

COUNTY: Chesterfield

Oil or Gas: Water: Exploratory:

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 - 39.5	-	-	-
39.5 - 40.0	-	-	-
44.0 - 44.5	-	-	-
44.5 - 45.0	-	-	-
49.0 - 49.5	-	-	-
49.5 - 50.0	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Unwashed only.