



VDMR Well No. 2570  
County: Goochland

Well: 2570  
Property: Commonwealth of Virginia  
Driller: Froehling & Robertson, Inc.  
Location: At the intersection of State Road 647 and State Road 650.

Elevation: 252 feet  
Total Depth: 44.5 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 Gravel----brown to tan, clay and sand matrix, abundant rounded  
small quartz pebbles, partially cemented

5 - 10 Gravel----tan, fine-to medium-grained sand matrix, abundant  
rounded quartz pebbles

10 - 15 Gravel----yellowish- to reddish-brown, clay and sand matrix, rounded  
quartz pebbles

15 - 22 Gravel----yellowish-brown, clay and sand matrix, rounded large quartz  
pebbles

NEWARK GROUP (22 - 44.5')

22 - 25 Shale----tan, decomposed, laminated, micaceous

25 - 30 Siltstone----light brown, decomposed, minor very fine-grained sand,  
micaceous

30 - 35 Siltstone----yellowish-brown, decomposed, minor very fine-grained sand,  
micaceous

35 - 40 Shale----brownish-gray, decomposed, fissile

40 - 44.5 Shale----brownish-gray, decomposed, slightly fissile

GEOLOGIC SUMMARY

	Rock Unit	Age
0 - 22	Gravel	Tertiary (?)
22 - 44.5	Newark Group	Middle to Late Triassic

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### GEOLOGIC LOG

Depth in  
feet

GRAVEL (0 - 22')

- 0 - 5 Gravel ----- brown to tan, clay and sand matrix, abundant rounded small quartz pebbles, partially cemented
- 5 - 10 Gravel ----- tan, fine- to medium-grained sand matrix, abundant rounded quartz pebbles
- 10 - 15 Gravel ----- yellowish- to reddish-brown, clay and sand matrix, rounded quartz pebbles
- 15 - 22 Gravel ----- yellowish-brown, clay and sand matrix, rounded large quartz pebbles

NEWARK GROUP (22 - 44.5')

- 22 - 25 Shale ----- tan, decomposed, laminated, micaceous
- 25 - 30 Siltstone ----- light brown, decomposed, minor very fine-grained sand, micaceous
- 30 - 35 Siltstone ----- yellowish-brown, decomposed, minor very fine-grained sand, micaceous
- 35 - 40 Shale ----- brownish-gray, decomposed, fissile
- 40 - 44.5 Shale ----- brownish-gray, decomposed, slightly fissile

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 22	Gravel	Tertiary (?)
22 - 44.5	Newark Group	Middle to Late Triassic

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0 - 22	gravel
22 - 25	tan shale
25 - 35	brown siltstone
35 - 44.5	<del>decomposed shale</del> <i>Brownish-gray shale</i>