

VDMR Well No. 2545

County: Goochland

Well: 2545

Property: Commonwealth of Virginia

Driller: Froehling & Robertson, Inc.

Location: Intersection of State Highway 6 and State Road 649.

Elevation: 210 feet

Total Depth: 32.0 feet

Started drilling: May, 1969

Completed drilling: May, 1969

Sample description by: B.K. Goodwin, College of William & Mary, July, 1969

### GEOLOGIC LOG

Depth in  
feet

#### NEWARK GROUP (0 - 30')

|             |   |
|-------------|---|
| 0 - 5       | Clay ----- mottled reddish-brown, yellowish-brown, and gray, silty, sandy   |
| 5 - 10      | Shale ----- light brown to tan, decomposed                                  |
| 10 - 15     | Shale ----- light brown, decomposed, carbonaceous lenses                    |
| 15 - 20     | Shale ----- light brown, decomposed, carbonaceous flecks                    |
| 20 - 24.5   | Shale ----- brown with carbonaceous flecks, decomposed, micaceous           |
| 24.5 - 29.4 | Sandstone ----- yellowish-brown, fine-grained, decomposed, silty, micaceous |

GEOLOGIC SUMMARY

|          | <u>Rock Unit</u>                    | <u>Age</u>              |
|----------|-------------------------------------|-------------------------|
| 0- 29.4  | Newark Group                        | Middle to Late Triassic |
| -        |                                     |                         |
| -        |                                     |                         |
| 7 [ 0-25 | brown shale                         |                         |
| 25-29.4  | micaceous, fine-grained sandstone ] |                         |
| -        |                                     |                         |
| -        |                                     |                         |
| -        |                                     |                         |
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VIRGINIA DIVISION OF MINERAL RESOURCES  
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1

Well Repository No.: W- 2545

Date rec'd: Date Processed: 1-12-71

Sample Interval: from 4.0 to: 32.0

PROPERTY: Commonwealth of Virginia

Number of samples: 13

COMPANY: Foehling & Robertson, Inc.

Total Depth: 32.0

COUNTY: Goochland

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- 24.3 | -       | -       | -       | -       |
| 24.3- 24.5 | -       | -       | -       | -       |
| 29.0- 29.2 | -       | -       | -       | -       |
| 29.2- 29.4 | -       | -       | -       | -       |
| 31.5- 32.0 | -       | -       | -       | -       |
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unwashed only.

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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- 24.3 | -       | -       | -       | -       |
| 24.3- 24.5 | -       | -       | -       | -       |
|            |         |         |         |         |
| 29.0- 29.2 | -       | -       | -       | -       |
| 29.2- 29.4 | -       | -       | -       | -       |
| 31.5- 32.0 | -       | -       | -       | -       |
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