

OWNER: Leo Z. Foster
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Augusta (Churchville)

VDMR #903
WWCR #282
TOTAL DEPTH: 258'

GEOLOGIC LOG

Overburden (20-35')

- 20 Overburden — light-brown clay, sand, and siltstone; fragments of gray shale.
- 35 Overburden — very-light-brown and medium-gray clay; fine- and medium-grained sandstone, blue-gray shale; vein calcite, ferruginous mudrock.

Martinsburg Shale (45-250')

- 45 Shale — medium-gray, very-fine-grained, slightly fissile, well indurated, calcareous; carbonaceous lamina; abundant white vein calcite.
- 60 As above — less vein calcite.
- 75 As above.
- 90 As above.
- 105 As above.
- 120 As above.
- 135 As above.
- 150 As above.
- 165 As above.
- 180 As above.
- 195 As above.
- 210 As above.
- 225 As above.
- 240 As above.
- 250 As above.
- 250-258 No sample.

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#903

GEOLOGIC SUMMARY

| | <u>ROCK UNIT</u> | <u>TIME ROCK UNIT</u> |
|---------|-------------------|-----------------------|
| 20-35 | Overburden | Recent |
| 45-250 | Martinsburg Shale | Upper Ordovician |
| 250-258 | No sample | |

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
May 7, 1965