

OWNER: Warren K. Saufley
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Verona)

VDMR #1169
WWCR #324
TOTAL DEPTH: 294'

GEOLOGIC LOG

- 0-70 No sample.
- 70 Shale and Shaly-Arenite — medium-dark-gray, shiny, very-fissile, phyllitic, soft shale; medium-gray, slightly calcareous, coarse- to fine-grained arenite composed of rounded, platy fragments of very-light-gray to dark-gray shales (maximum grain size 2 mm), minor medium-size sand grains; sericite, chlorite, traces of pyrite; one fragment of white vein calcite.
- 85 Shale — medium-gray, very-fissile, trace white massive calcite; minor shaly arenite as above.
- 90 As above.
- 115 As above —shaly arenite finer grained and less abundant.
- 130 As above.
- 145 Shale and Shaly Arenite — medium-gray, shiny, very-fissile, soft shale; medium-gray, coarse- to fine-grained arenite composed of platy shale fragments.
- 160 Shale — medium-dark-gray, shiny, very-fissile, slightly calcareous; trace shaly arenite.
- 175 As above — more shaly arenite.
- 190 As above.
- 200 As above — shaly arenite finer grained and less abundant.
- 220 As above — minor vein of calcite.
- 235 Shale — medium-blue-gray, shiny, very-fissile, slightly calcareous; minor fine-grained, shaly arenite; minor fragments of vein calcite.
- 250 Shale — medium-dark-gray, shiny, very-fissile; minor coarse- to fine-grained shaly arenite.
- 265 As above — shaly arenite medium- to fine-grained.
- 280 As above — slightly-lighter color, less shaly arenite; minor white veins calcite.
- 294 As above.

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#1169

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-70	No sample	
70-294	Martinsburg Formation	Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
November 10, 1965