

OWNER: H. W. Hudson
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Page (Luray)

VDMR #922
WWCR #77
TOTAL DEPTH: 363'

GEOLOGIC LOG

- 25 Overburden — medium-orange-brown, calcareous clay with medium-sand-sized chips and larger fragments of gray limestone with calcite veins.
- 40 Limestone — medium-dark-gray, very-fine-grained, abundant white calcite veins; minor black chert and greenish-brown clay.
- 50 Dolomite — medium-light-gray, microcrystalline; abundant white dolomite veins.
- 60 As above — slightly darker.
- 75 As above.
- 90 Dolomite — medium-gray, micro- to mesocrystalline, slightly translucent; abundant veins of white dolomite.
- 105 Dolomite — medium-dark-gray, microcrystalline; dusty pyrite especially in stylolites; minor carbonaceous layers; very-fine veins calcite and dolomite.
- 120 Dolomite — light-gray, crypto- to mesocrystalline; slightly translucent; fine dolomite veins.
- 135 Dolomite — dark-gray, microcrystalline; fine-white veins of dolomite.
- 150 As above.
- 165 Calcareous Dolomite — medium-dark-gray; fine-grained; finely divided carbonaceous matter and pyrite; minor fine veins of dolomite.
- 180 Dolomite — dark-gray; microcrystalline; minor fine veins of calcite and dolomite.
- 195 As above.
- 210 Dolomite — medium-light-gray, cryptocrystalline; trace carbonaceous matter; minor veins dolomite.
- 225 As above — microcrystalline in part.
- 240 Limestone — medium-gray; abundant white veins calcite; minor darker limestone with abundant dusty pyrite.

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- 255 Calcareous Dolomite — medium-gray, microcrystalline; minor dark material with abundant dusty pyrite; minor veins of calcite.
- 270 As above.
- 285 Calcareous Dolomite — medium-light-gray, micro- to mesocrystalline; abundant white veins magnesian calcite; trace pyrite.
- 300 Dolomite — medium- to light-gray, mesocrystalline; abundant veins of dolomite.
- 315 Limestone — light-gray; bedding and stylolites defined with carbonaceous material; abundant veins of calcite.
- 330 As above — minor veins only.
- 345 Dolomitic Limestone — medium-dark-gray; shaly; abundant white calcite veins; very minor pyrite.
- 360 Limestone — medium-light-gray, argillaceous; carbonaceous material dusted throughout and in stylolites; abundant vein calcite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
40-360	Beekmantown Formation	Lower Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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