

OWNER: Rudolph Bumgardner, Jr.
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Staunton)

VDMR #993
WWCR #291
TOTAL DEPTH: 304'

GEOLOGIC LOG

- 0-58 Overburden — rusty-brown clay; angular fragments vein quartz, light-gray to dark-gray dolomite and pinkish-gray shale.
- Conococheague Formation (58-304')
- 58-100 Dolomite — medium-gray, fine- to medium-crystalline, argillaceous.
- 100-150 Argillaceous Dolomite — light- to medium-gray, fine-grained, minor shaly beds; darker portions are pyritiferous.
- 150-165 Dolomite and Sandstone — light-gray, very-fine- to medium-grained dolomite; minor light-gray, rounded, medium- to coarse-grained sandstone with calcareous and siliceous cement.
- 165-180 Dolomite — medium-light-gray, finely crystalline, minor iron oxide stain.
- 180-229 No sample.
- 229-244 Dolomite — medium-gray, fine- to medium-crystalline, minor iron oxides and pyrite.
- 244-259 Dolomite — buff to pale-gray, finely crystalline, minor iron oxide stain.
- 259-274 No sample.
- 274-289 Dolomite with Sandstone — medium-gray, fine- to medium-crystalline dolomite; buff- to orange- and moderate-red-sandstone; medium-sized sand with silt and clay, well developed bedding, dolomitic cement.
- 289-304 Dolomite and Sandy Dolomite — medium-gray, fine- to medium-crystallized; sandy dolomite often iron-stained, sand- medium- to coarse-grained.
- 304 Dolomite — medium-gray, medium-crystalline, minor argillaceous lamina and iron stains.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-58	Overburden	Recent
58-304	Conococheague Formation	Cambrian