

OWNER: V. J Whitmer
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Rockingham (Edom)

VDMR #945
WWCR#474
TOTAL DEPTH: 303'

GEOLOGIC LOG

- 0-45 No sample.
- Beekmantown Formation (45-300')
- 45 Dolomite — light-gray, very-fine-grained, with iron-stained clay.
- 60 Dolomite — medium-gray, medium- to finely-crystallized, trace vein dolomite and iron-oxide stain.
- 75 Dolomite — medium-light-gray, coarsely crystallized; minor buff-colored, fine-grained dolomite.
- 90 Dolomite — light-gray, finely crystallized, minor black styolites and red-black ferruginous lamina.
- 105 Dolomite — medium-dark-gray, very-fine-grained; white vein dolomite, dusty pyrite throughout.
- 120 Dolomite — medium-gray, very-fine-grained; vein dolomite; minor pyrite.
- 135 Dolomite — light-gray and buff, fine-grained, minor iron-oxide stain; calcite veins abundant, trace shale lamina.
- 150 Limestone, Dolomite, Clay — light-gray to cream-colored, fine-grained limestone and dolomite; pale-brown silty, calcareous clay; vein calcite.
- 165 As above — more limestone.
- 180 As above
- 195 As above — more clay.
- 225 Clay, Sand, Limestone, and Dolomite — very-pale-olive-green clay with rounded to angular sand and very-coarse sand and granule size fragments of limestone dolomite and vein calcite. (This sample was finely ground and mixed by the drill and then hardened into lumps in the bag. It is impossible to determine the original texture and structure).
- 240 As above — cream colored.
- 255 As above.

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- 270 Clay, Sand, Limestone, and Dolomite — cream colored clay with rounded to angular sand and very-coarse sand and granule size fragments of limestone, dolomite, and vein calcite. (This sample was finely ground and mixed by the drill and then hardened into lumps in the bag. It is impossible to determine the original texture and structure).
- 285 As above.
- 300 As above.
- 300-303 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-45	No sample	
45-300	Beekmantown Formation	Ordovician
300-303	No sample	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
June 16, 1965