

OWNER: James C. Wilkins
DRILLER: Sydnor Pump and Well Company, Inc.
COUNTY: Rockingham (Mt. Crawford)

VDMR #1253
WWCR #494
TOTAL DEPTH: 196'

GEOLOGIC LOG

- 0-50 No sample.
- Beekmantown Formation (50-195')
- 50 Dolostone — gray; even-grained, medium-grained mosaic of interlocking dolomite rhombohedra.
- 65 Calcilutite — gray; very-fine-grained (< 1/16 mm).
- 80 Dolostone and Calcilutite — gray; even-grained, medium-grained dolomite and subordinate amount of very-fine-grained limestone.
- 95 Dolostone — gray; medium-grained; mosaic of interlocking dolomite rhombohedra; some very coarse vein-filling white dolomite and limpid vein quartz.
- 110 Dolostone and Calcilutite — gray (iron stained, in part); very-fine- to medium-grained, cherty, fractured dolostone, and very-fine-grained limestone; chert is fresh and white, to weathered and yellowish to pink (hematitic), and is crowded with dolomite rhombohedra or rhomb-shaped cavities. Coarse cleavage fragments of dolomite and terminated crystals, of dolomite and limpid quartz are abundant (vein minerals). Some dendritic crystallization on fracture surfaces in chert.
- 125 Calcilutite — gray to brown (iron stained); very-fine-grained (< 1/16 mm); some fresh, white chert with dolomite rhombohedra.
- 140 Dolomitic limestone and Dolostone — light-gray to dark-gray; limestone very-fine- to fine-grained; dolostone fine- to medium-grained and present in minor amount; small amounts of vein calcite and of differentially weathered dolomitic chert.
- 155 As above.
- 170 As above.
- 195 Calcilutite — light- to medium-gray; very-fine-grained (< 1/16 mm).
- 195-196 No sample.

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-50	No sample	
50-195	Beekmantown Formation	Lower Ordovician
195-196	No sample	

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
March 3, 1965