



OWNER: Austin R. Hupp  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Shenandoah (Mt. Jackson)

VDMR #1038  
WWCR #202  
TOTAL DEPTH: 266'

GEOLOGIC LOG

- 0-10 No sample.
- 10-15 Overburden — moderate-brown-orange clay; rounded and angular fragments vein quartz, concretions of iron and manganese oxides, coarse- to fine-sand, minor fragments gray calcareous dolomite.
- Beekmantown Formation (15-225')
- 15-30 Calcareous Dolomite — medium-gray to light-gray, medium- to fine-crystalline; minor very-pale-orange limestone with microfaulting and recementation.
- 30-45 Calcareous Dolomite — light-gray to medium-gray, aphanogranular to medium-crystalline.
- 45-60 Calcareous Dolomite — medium-dark-gray, aphanogranular to finely crystalline; minor very-coarse- to medium-coarse-crystalline, uncalcareous dolomite.
- 60-75 As above — slightly lighter, minor iron-oxide stain.
- 75-90 Dolomite — medium- to light-gray, slightly brown, medium-crystalline, white calcareous veins.
- 90-105 Dolomite — medium-dark-gray, medium- to fine-crystalline, argillaceous, calcareous in part; trace white vein dolomite, carbonaceous material and dusty pyrite.
- 105-120 Dolomite — medium-dark-blue-gray, medium-crystalline; minor vein calcite, carbonaceous partings.
- 120-135 Dolomite — medium-dark-blue, very-fine-grained, argillaceous; minor vein calcite and pyritiferous carbonaceous material.
- 135-150 As above.
- 150-165 Argillaceous Dolomitic-Limestone — medium-blue-gray, fine-grained; minor vein calcite.
- 165-180 As above — slightly lighter.
- 180-195 Dolomite and Limestone — light-gray, coarsely crystalline, dolomite and medium-gray, aphanogranular limestone; minor carbonaceous material; trace sphalerite.

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- 195-210 Dolomite and Limestone — light-gray, coarsely crystalline, dolomite and medium-gray, aphanogranular limestone; minor carbonaceous material.
- 210-225 Dolomite — medium-light- to medium-dark-gray; very-fine- to coarsely-crystalline.
- 225-266 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-10	No sample	
10-15	Overburden	Recent
15-225	Beekmantown Formation ?	Ordovician
225-266	No sample	

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
June 25, 1965