

OWNER: Carman G. Blough
DRILLER: Sydnor Pump & Well Company, Inc.
COUNTY: Rockingham (Massanetta Springs)

VDMR #1133
WWCR #198
TOTAL DEPTH: 500'

GEOLOGIC LOG

- 0-10 No sample.
- Beekmantown Formation (10-500')
- 10-100 Dolomite and Limestone — medium-light-gray and medium-gray; medium- to coarsely-crystalline dolomite; medium-light-gray, very finely crystalline limestones; minor white vein dolomite and calcite.
- 115 Dolomite — medium-dark-gray and, light-brown; coarse- to very coarsely crystalline; minor white vein dolomite, trace orange-iron oxide stain.
- 120 Dolomite — light-gray; medium- to coarsely crystalline; minor dolomite and calcite veins with trace of iron-stain along the veins.
- 130 Dolomite — light-gray and buff, finely-crystalline.
- 140-141 Dolomite and Limestone — dolomite - as above; limestone: medium-dark-gray, fine-grained, uneven texture, scattered dolomite rhombohedrons.
- 145 Dolomite — light-gray; finely crystalline; trace pyrite.
- 170 Dolomite — medium-dark-gray, medium- to fine-crystalline; trace pyrite and vein dolomite.
- 170-281 No sample.
- 281 Dolomitic Limestone — dark-gray, fine-grained to medium-crystalline; minor vein calcite.
- 310 Limestone — dark-blue-gray, fine-grained, massive, trace pyrite and vein calcite.
- 326 Dolomitic Limestone — medium-gray, fine- to medium-crystalline; a minor portion contains rounded coarse sand.
- 341 Dolomite — medium-gray, very finely crystalline; trace pyrite.
- 356 As above — trace calcite vein and stylolites.
- 371 Limestone — medium-dark-gray, fine-grained to coarsely crystalline, trace pyrite.

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- 386 Limestone — dark-gray, very-fine-grained; massive, even texture; trace pyrite and vein calcite.
- 401 Limestone — dark-gray, very-fine-grained, uneven texture; minor dusty pyrite; trace vein calcite.
- 416 Dolomite — medium-dark-gray, finely-crystalline, trace pyrite and vein dolomite.
- 430 Dolomite — medium-gray, finely-crystalline; minor veins of calcite; trace pyrite.
- 445 As above — slightly coarser.
- 475 As above.
- 490 Dolomite — medium-dark-gray; medium- to coarsely-crystalline, traces dark-gray-chert and dusty pyrite.
- 500 Dolomite — medium-light-gray, medium to very-finely-crystalline; traces vein calcite and pyrite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-10	No sample	
10-500	Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
November 5, 1965