

OWNER: Paul Q. Simmons
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Augusta (Fishersville)

VDMR #954
WWCR #287
TOTAL DEPTH: 357'

GEOLOGIC LOG

Alluvium (0-15')

0-15 Clay - reddish-brown.

Beekmantown Formation (15-342')

15-30 Limestone — gray, very-fine-grained to calcilutitic; some vein calcite.

30-55 No sample.

55-70 Limestone — dove-gray, lithographic; abundant, limpid vein calcite; trace of pyrite.

70-85 Limestone — gray to dark-gray, very-fine-grained; subordinate amounts of black chert and black, slightly calcareous shale; slightly pyritic.

85-100 As above.

100-115 Limestone — gray with greenish cast, calcilutitic; some pyrite and vein calcite.

115-130 Limestone — dark-gray, very-fine-grained to calcilutitic; small amounts pyrite and vein calcite.

130-145 As above.

145-160 Limestone — gray to dark-gray, very-fine-grained to calcilutitic; small amount fine-grained dolomite; trace of pyrite.

160-175 Limestone — gray, with greenish-brown cast, very-fine-grained to calcilutitic; trace of pyrite.

175-190 Limestone — dark-gray, very-fine-grained; small amount of very-fine-grained pyrite.

190-205 Limestone — brownish-gray calcilutite, and dark-gray, fine-grained, slightly argillaceous limestone.

205-220 Limestone — brownish-gray calcilutite.

220-235 Limestone — dark-gray, very-fine-grained, slightly argillaceous limestone, and brownish-gray calcilutite; some vein calcite.

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235-250 Limestone -- dark-gray, very-fine-grained; some calcite veins.
250-265 As above.
265-280 Limestone -- medium-gray, very-fine-grained; trace of pyrite.
280-295 As above.
295-310 Limestone -- dark-gray, very-fine-grained; small amount vein calcite; trace of pyrite.
310-325 As above.
325-342 Limestone -- medium-gray, very-fine-grained.
342-357 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-15	Alluvium	Recent
15-342	Beekmantown Formation	Lower Ordovician
342-357	No sample	

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
March 24, 1965