

OWNER: George W. Sessoms  
DRILLER: Sydnor Pump and Well Co., Inc.  
COUNTY: Page (Shenandoah)

VDMR WELL # 1094  
WWCR WELL # 88  
TOTAL DEPTH : 350

GEOLOGIC LOG

0-5 Overburden and Residual Dolomite - medium-brown clay; medium-dark-gray, medium-crystalline, calcareous dolomite; minor slightly rounded sandstone fragments.

Beekmantown Formation (5-350')

5-15 Dolomite - medium-gray, medium-crystalline; minor buff-colored, calcareous dolomite.

15-30 Dolomite - medium-gray, fine-grained; minor aphanogranular, medium-dark-gray limestone; trace dark-gray, argillaceous material with dusty pyrite and dusty-pink to buff-colored, dolomitic limestone.

30-45 As above

45-50 Limestone - medium-light-gray, fine-grained; minor very-dark-gray argillaceous material.

50-60 Calcareous Dolomite - medium-gray, medium-crystalline; minor calcite veins; trace pyrite.

60-75 Dolomite - medium-light-gray, fine-grained, argillaceous, slightly weathering on fractures.

75-90 Dolomitic Limestone - medium-dark-gray, fine grained, trace vein calcite and dusty pyrite.

90-105 As above

105-120 Limestone - medium-light-gray, fine-grained, argillaceous.

120-142 No sample

142 Limestone - medium-dark-gray, slightly brown; aphanogranular; minor pyrite.

142-147 No sample

147-162 Limestone - medium-dark-gray, slightly brown, aphanogranular; minor rhombohedrons of dolomite and trace of pyrite.

162-177 As above - slightly darker.

177-198 No sample

198-200 Calcareous Dolomite - medium-light-gray, medium-crystalline, minor vein calcite.

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200-207	Calcareous Dolomite - medium-gray, fine-grained, minor vein calcite.
207-209	As above
209-218	No sample
218	Limestone and Shale - buff-to rose-colored, porous limestone; dark-blue-gray shale; fracture zone.
218-227	No sample
227-237	Limestone - medium-light-gray, very-fine-grained; minor dolomite rhombohedrons, vein calcite and shaly laminae.
237-252	Limestone - medium-gray, fine-grained, dense; minor calcite veins and pyrite.
252-267	As above - finer-grained.
267-282	As above
282-297	As above - no veins.
297-312	Dolomitic Limestone - medium-gray, fine-grained; dolomite rhombohedrons, minor pyrite and vein calcite.
312-327	As above
327-342	Calcareous Dolomite - medium-to medium-dark-gray, very-fine-grained to medium-crystalline; minor vein calcite and pyrite nodules; minor very dark shaly laminae.
342-350	As above

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-5	Overburden	Recent
5-350	Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
July 1, 1965