

OWNER: Richard R. Minnick
DRILLER: Sydnor Pump and Well Co.
COUNTY: Shenandoah (Mt. Jackson)

VDMR #451
WWCR #142
TOTAL DEPTH: 226'

GEOLOGIC LOG

- 0-25 No samples.
- 25 Oolitic Limestone — dark-gray, .75 mm-diameter oolites in a scanty white matrix, many of the oolites have siliceous centers; trace of pyrite.
- 54 Calcareous Siltstone to Siliceous Limestone — medium dark-gray, fine-grained, very-fine oolites in the limestone, thin-bedded.
- 60 Limestone — light-gray to medium-gray, sandy and oolitic, aphanogranular in part; oolites .25 to 1 mm, fine sand, abundant dusty pyrite, veins of calcite.
- 80 As above — very finely crystalline, oolites very distinct.
- 80-91 Limestone — medium dark-gray, aphanogranular to very-finely oolitic, siliceous; minor vein calcite.
- 91-106 Limestone — dark-gray, aphanogranular to medium-size oolites; minor vein calcite.
- 106-121 Dolomitic Limestone — medium dark-blue to gray, finely crystalline, abundant dusty pyrite.
- 121-136 Limestone — medium dark-blue to gray, finely crystalline; minor dusty pyrite and vein calcite.
- 136-151 Dolomitic Limestone — dark-gray, finely crystalline to aphanogranular; minor dusty pyrite and vein calcite.
- 151-166 Dolomitic Limestone — medium-gray, medium-finely-crystalline, uneven texture; minor dusty pyrite and vein calcite.
- 166-181 Dolomite — medium-gray, medium-crystalline; uneven texture, minor vein dolomite.
- 181-196 As above — more vein dolomite, trace pyrite.
- 196-211 Dolomite — medium-gray, medium-crystalline to aphanogranular, sparse sand; minor vein dolomite; trace pyrite.
- 211-226 Limestone — medium dark-gray to dark-gray; finely crystalline; dusty pyrite.

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-25	No samples	
25-226	Conococheague Formation	Upper Cambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
December 15, 1965