

OWNER: Radio Station WANV (Brock & Davis)
DRILLER: Sydnor Pump and Well Co., Inc.
COUNTY: Augusta (Waynesboro)

VDMR #1089
WWCR #301
TOTAL DEPTH: 250'

GEOLOGIC LOG

Overburden (0-26')

0-26 Overburden — medium-reddish-brown; fine-grained: clay, silt; coarse, angular, quartz, and rock fragments.

Elbrook Formation (26-235')

26-55 Limestone — dark-gray, fine-grained, crystalline; minor calcite veins, trace mica.

55-70 Limestone — black, fine-grained, crystalline; trace mica.

70-85 Limestone — medium-gray, fine-grained, crystalline, dense.

85-100 Limestone — medium- to medium-dark-gray, fine-grained, crystalline; minor calcite veins; trace pyrite.

100-115 Dolomitic Limestone — light-gray, fine-grained, crystalline.

115-130 Dolomite — dark-gray, fine-grained, crystalline; minor vein calcite; trace pyrite.

130-145 Dolomite — light- to dark-gray, medium-grained, crystalline, minor vein dolomite.

145-160 Dolomite — medium-gray, minor dark-gray, medium-grained, crystalline; vein calcite and dolomite.

160-175 Dolomite — dark-gray, fine-grained, crystalline; minor vein calcite and dolomite; trace pyrite.

175-190 Dolomite — 75% medium-gray, medium-grained, crystalline; 25% very dark-gray, very-fine-grained, dense; minor calcite veins; trace pyrite.

190-205 Dolomite — 50% light-gray, medium-grained, crystalline; 50% very-dark-gray, very-fine-grained, dense conchoidal fracture, very minor vein calcite and pyrite.

205-220 As above — only minor light-gray dolomite.

220-235 Dolomite — 60% light and medium-gray crystalline, medium- to fine-grained; 40% dark-gray, crystalline, very-fine- to fine-grained.

OWNER: Radio Station WANV (Brock & Davis)

#1089

235-250 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-26	Overburden	Quaternary
26-235	Elbrook Formation	Cambrian
235-250	No sample	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
December 23, 1964