

OWNER: Shannon Water Co., Inc.
DRILLER: Virginia Well Company
COUNTY: Frederick

VDMR #1114
WWCR # 294
TOTAL DEPTH: 152'

GEOLOGIC LOG

0-10	Shale - weathered, pinkish-tan to red, fine grained.
10-20	As above - red shale slightly calcareous.
20-30	Shale - weathered blue, fresh black, fine grained, silty, very porous, thin bedded, calcite veins.
30-40	As above.
40-50	As above.
50-60	As above - not as silty or porous.
60-70	As above - more silty and porous.
70-80	As above - harder and more dense.
80-90	As above - harder and more dense.
90-100	As above.
100-110	Shale - black, some white and black material may be a fine breccia with calcite cement.
110-120	As above.
120-130	As above.
130-140	As above.
140-150	As above.
150-152	As above - with pyrite.

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Martinsburg shale

Ordovician

Virginia Division of Mineral Resources
Garnett Gatlin, Geologist
August 24, 1964