

OWNER: Mrs. Clark Baldwin (Bruce Noland)
DRILLER: Leazer Pump and Well Co., Inc.
COUNTY: Fauquier (Warrenton)

VDMR #1484
WWCR #122
TOTAL DEPTH: 202'

GEOLOGIC LOG

0-10 Overburden -- light-brown clay with fragments of weathered mica schist, quartzite, greenstone and vein quartz.

10-20 Overburden -- light-gray and red-brown clay, fragments of very-fine-grained quartzite with abundant magnetite and epidote, fragments of greenstone.

Catoctin Formation (20-202')

20-30 Weathered Greenstone -- medium-greenish-gray to reddish-brown, fine-grained; chlorite, epidote, albite, quartz, minor carbonates, muscovite and iron oxide; fragments of light-brown, fine-grained quartzite from above.

30-40 Greenstone -- medium-greenish-gray, fine-grained; chlorite, epidote, albite, quartz; minor muscovite and carbonates.

40-50 slightly foliated.

50-60 "

60-70 "

70-80 "

80-90 "

90-100 "

100-110 "

110-120 Greenschist -- medium-dark-gray-green, medium-fine-grained, foliated; chlorite, epidote, quartz, albite, magnetite, calcite; trace pyrite.

120-130 "

130-140 "

140-150 "

150-160 "

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#1484

160-170 Chlorite Schist -- medium-gray-green, well-foliated,
medium-grained; chlorite, epidote, calcite; trace pyrite and
magnetite; moderate vein calcite.

170-180 moderate milky vein quartz.

180-190 "

190-200 "

200-202 less vein quartz and calcite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-20	Overburden	Recent
20-202	Catoctin Formation	Cambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
March 7, 1966