

OWNER: A. L. Kyser - Well #2
DRILLER: C. R. Moore
COUNTY: Albemarle (Charlottesville)

VDMR #1324
WWCR #957
TOTAL DEPTH: 196'

GEOLOGIC LOG

0-67 No samples.

Lynchburg Formation (67-190')

67-70 Gneiss — light-gray, average grain size 0.16 mm, foliation and bedding, sericite, biotite, graphite, quartz, plagioclase; minor apatite, pyrite, chlorite, minor clay due to weathering.

70-80 As above — less clay.

80-90 As above — few granule sized quartz; minor vein quartz.

90-100 As above — abundant pyrite, more biotite.

100-110 Gneiss — light-gray, finely bedded; average grain size 0.2 to 0.1 mm, occasional coarse sand; slight lineation; muscovite, biotite, quartz, chlorite, feldspar, minor pyrite.

110-120 As above.

120-130 Gneiss — medium-gray, fine-grained, slight lineation; biotite, muscovite, quartz, feldspar, pyrite and trace of iron sulphates.

130-140 As above.

140-150 Gneiss — light-gray to dark-gray; silt to medium-sand-sized grains, bedded; sericite, biotite, quartz, feldspar, pyrite, and drusy vein quartz; trace iron sulphates.

150-160 As above — with minor calcite, chlorite and graphite; porous in part.

160-170 As above.

170-180 As above — less porous.

180-190 As above — slightly more porous.

190-196 No sample.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-67	No samples
67-190	Lynchburg (Charlottesville) Formation Precambrian
190-196	No sample

Virginia Division of Mineral Resources

Hollis N. Walker

July 6, 1965