

OWNER: J. R. Ashby
DRILLER: J. T. Kesler Drilling Co.
COUNTY: Franklin (Cross Roads)

VDMR: 2255
WWCR: 110
TOTAL DEPTH: 220'

GEOLOGIC LOG

Depth in feet

0-20	No samples
20	Saprolite — red-brown; weathered and iron-oxide-stained quartz, mica, feldspar and clay
30	" tan
40	Quartz-muscovite schist — gray, very-slightly weathered; fine-grained, foliated, slightly gneissic; muscovite, quartz, feldspar and biotite
50	Mica gneiss — gray; fine-grained, crystalline, moderately-foliated, micaceous; quartz, feldspar, biotite, muscovite, and trace of pyrite
60	"
70	No sample
80	Muscovite gneiss — light-gray; fine-grained, crystalline, micaceous; quartz, feldspar, muscovite, and trace of biotite
90	" gray; minor amount of biotite
100	" "
110	Biotite gneiss — dark-gray; fine-grained, crystalline, moderately-foliated; quartz, feldspar and biotite
120	"
130	Mica gneiss — light-gray; fine-grained, crystalline, foliated; quartz, feldspar, muscovite and biotite
140	"
150	Biotite gneiss — dark-gray; fine-grained, crystalline, foliated; quartz, feldspar, biotite, and trace of muscovite
160	"
170	"
180	"

OWNER: Mr. J. R. Ashby

#2255

190	Mica gneiss — light-gray; fine-grained, crystalline, moderately-foliated; quartz, feldspar, muscovite and biotite
200	"
210	"
220	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-20'	No samples	—
20-40'	Saprolite	—
40-220'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
October 16, 1968