

OWNER: John Thomasson
DRILLER: J. L. Colley
COUNTY: Louisa (Mineral)

VDMR #1410
WWCR #68
TOTAL DEPTH: 201'

GEOLOGIC LOG

0-100 No samples.

Mica Gneiss (100-200')

100-114 Mica Gneiss — light-gray, coarse-grained; muscovite, quartz, alkali-feldspar, epidote, plagioclase, garnet, biotite, pyrite; trace of magnetite.

114-120 Mica Gneiss — light-gray, coarse-grained; quartz, muscovite, alkali-feldspar and biotite.

120-130 As above — minor drill bit contamination and associated iron-oxide stain.

130-140 As above.

140-150 As above — with minor chlorite, less drill bit contamination; trace pyrite.

150-160 Mica Gneiss — light-gray, coarse-grained; quartz muscovite, alkali-feldspar, biotite; minor chlorite, calcite, apatite, and hornblende; minor drill bit contamination and associated iron-oxide stain.

160-170 As above.

170-180 As above.

180-190 As above — lighter color, less mica, more drill bit contamination.

190-195 As above — abundant biotite, less drill bit contamination, minor muscovite.

195-200 As above — only minor biotite; abundant drill bit contamination and associated iron-oxide stain.

200-201 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-100	No samples	
100-200	Mica Gneiss	Questionable
200-201	No sample	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
November 16, 1965