

OWNER: T. A. Moles
DRILLER: J. T. Kesler
COUNTY: Floyd (Pilot)

VDMR: 1918
WWCR: 285
TOTAL DEPTH: 210'

GEOLOGIC LOG

Depth in feet

0-10	Sericite-chlorite-quartz phyllite - rusty-brown, iron-stained, weathered; some vein quartz.
10-20	" much vein quartz.
25	" "
28	" "
35	Sericite-chlorite-quartz phyllite - light silver-gray; trace of pyrite, trace of weathered phyllite.
45-50	Weathered granite - light-yellow to rusty-brown with limonite coatings, sheared, with sericite and biotite along slickensides, some weathered phyllite.
50-75	"
75-100	Granite - very light gray, fine grain; quartz, feldspar, biotite, chlorite, trace of pyrite.
100-125	" with much light yellow, iron stained, sheared and weathered granite.
125-150	" no weathered granite.
150-175	" with much biotite along slickenside surfaces.
175-200	"

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Blue Ridge Complex	Pre Cambrian

Virginia Division of Mineral Resources
Thomas M. Gathright, Geologist
July 25, 1967