

OWNER: R. C. Allen
(Mobile City Trailer Court)
DRILLER: C. R. Moore
COUNTY: Albemarle (Charlottesville)

VDMR# 789
WWCR# 850
TOTAL DEPTH: 150

GEOLOGIC LOG

0-22 No samples (Top of bedrock in this interval)

22-33 Gneiss - black, light yellow and some pink, soft, highly weathered, medium-grained, 60% feldspar, 30% quartz, 8% biotite, heavy trace of weathered feldspar.

33-35 Gneiss - black and white, moderately hard, slightly permeable, medium-grained, 60% feldspar, 30% quartz, 8% biotite.

35-43 Gneiss - black and white, some yellow oxidized material, slightly permeable, medium-grained, 60% feldspar, 30% quartz, 8% biotite, trace of small garnet crystals.

43-50 Gneiss - black and white, hard, massive, coarse-grained, (X-ray analysis: 50% plagioclase feldspar, 20% quartz, 15% potash feldspar, 10% biotite, 3% zircon, trace of muscovite and apatite.

50-60 As above

60-70 As above

70-80 As above

80-90 As above

90-100 Gneiss - white and black, hard, massive, coarse-grained, 60% feldspar, 30% quartz, 7% biotite, 2% muscovite, slight trace of weathered feldspar.

100-110 As above

110-120 As above

120-130 As above

130-140 As above

140-150 Gneiss - white and black, hard, massive, coarse-grained, 50% feldspar, 40% quartz, 7% biotite, 2% muscovite, slight trace of iron oxide.

OWNER: R. C. Allen (Continued)

#789

GEOLOGIC SUMMARY

AGE

Precambrian

ROCK UNIT

Lovingston formation

Virginia Division of Mineral Resources
Merrick S. Whitfield, Geologist
February 26, 1963