

OWNER: Martinsville Finance and Investment Corp.
DRILLER: Virginia-Carolina Welldrilling Co.
COUNTY: Henry (Martinsville)

VDMR # 964
WWCR # 146
TOTAL DEPTH : 147

GEOLOGIC LOG

1-10 Overburden - tan, medium grained, angular, quartz,
muscovite, sericite, clay, linonite.

10-20 As above (with garnet, biotite, bleached biotite,
kyanite).

20-30 As above

30-40 Saprolite - tan, medium to coarse grained, angular,
quartz, muscovite, sericite, bleached biotite, and
kyanite.

40-50 As above (with chlorite)

50-60 As above (top of bedrock in this interval)

60-70 Schist - gray, medium grained, quartz, kyanite,
garnet, muscovite, biotite.

70-80 As above

80-90 As above (increase in biotite)

90-100 As above (with trace of pyrite)

100-110 Schist - gray, medium grained, quartz, muscovite,
biotite, kyanite, garnet, minor kaolin, and epidote,
(X-ray analysis: quartz 45%, muscovite 30%, biotite
15%, accessories 10%).

110-120 As above (with decrease in garnet)

120-130 As above

130-140 As above (with chalcopryrite and pyrrhotite).

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
Quartz-mica schist	Cambrian (?)

Virginia Division of Mineral Resources
Villard S. Griffin, Jr. - Geologist
June 30, 1964