

OWNER: Ira F. Shoemaker
DRILLER: J. D. Palmore
COUNTY: Orange (Madison Run)

VDMR #1095
WWCR #54
TOTAL DEPTH: 142'

GEOLOGIC LOG

0-53	No samples
53-60	Greenstone: Greenish-gray, major chlorite and quartz, minor epidote, calcite, mica, pyrite and magnetite; iron staining on quartz.
60-70	As above, with slight variation in relative mineral percentages.
70-80	As above, bluish-green.
80-90	As above
90-100	As above, greenish-gray.
100-110	As above (X-ray analysis: 35% quartz, 27% plagioclase, 20% chlorite, 8% mica, 5% calcite, 5% pyrite, epidote and magnetite).
110-120	As above
120-130	As above, with some vug quartz.
130-140	As above
140-142	As above

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Catoctin formation

Precambrian

Virginia Division of Mineral Resources
Garnet Gatlin, Geologist
August 12, 1964