

OWNER: D. A. Simmons
DRILLER: Robert Moore
COUNTY: Henry

VDMR #1071
WWCR #147
TOTAL DEPTH: 114'

GEOLOGIC LOG

0	No sample.
10	Saprolite- reddish-brown argillaceous, quartzose, micaceous.
20	Weathered granodiorite-tan, medium to coarse grained, quartz, white feldspar, chlorite, clay.
30	As above.
40	As above (with muscovite)
50	As above (with a large orthoclase crystal, and epidote).
60	Granite - tan, medium to coarse grained, high potassic feldspar content (clear crystals), quartz, (limonite-stained), chlorite, chloritized biotite, minor epidote and clay.
70	As above (medium grained)
80	As above
90	As above
100	As above (with minor garnet)
110	Granite - grayish-tan, medium grained, high potassic feldspar content (clear crystals), quartz (limonite-stained), chloritized biotite, increase in garnet, epidote and biotite, decrease in chlorite.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
Leatherwood granite	Paleozoic (?)

Virginia Division of Mineral Resources
Villard S. Griffin, Jr., Geologist
June 25, 1964