



OWNER: Sterling Gibson (Trailer Court)  
DRILLER: C. R. Moore  
COUNTY: Greene (Ruckersville)

VDMR #1245  
WWCR #22  
TOTAL DEPTH: 215'

GEOLOGIC LOG

0-100 No sample.

Robertson River Formation (100-215')

- 100 Monzonite — greenish-black and very-light-gray; crystals of microcline (to 10 mm) pyroxene (to 6 mm) altered to biotite and amphibole; matrix of plagioclase and minor quartz; trace calcite.
- 120 As above — less pyroxene, more amphibole and biotite.
- 130 As above.
- 155 As above.
- 175 Monzonite — black and very-light-gray; phenocrysts of microcline (to 20 mm) and pyroxene (10 mm) in matrix of plagioclase and minor quartz; the pyroxene is altered to biotite and amphibole.
- 185 As above.
- 195 As above — minor pyrite.
- 205 Gneissic Monzonite — black and very-light-gray; large crystals of pyroxene and microcline in medium-grained, matrix of plagioclase and minor quartz; pyroxene almost completely altered to biotite and amphibole.
- 215 As above — slightly more quartz.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-100 No samples.	
100-215 Robertson River Formation	Precambrian

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
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