

OWNER: Charlottesville Lumber Company
DRILLER: C. R. Moore
COUNTY: Albemarle

VDMR #812
WWCR #853
TOTAL DEPTH: 250'

GEOLOGIC LOG

0-58	No samples.
58-60	Schist — biotite, phlogopite, quartz, potassic feldspar, plagioclase, and amphibole.
60-70	As above — with iron oxide stains.
70-80	Schist — phlogopite, plagioclase, potassic feldspar, quartz, amphibole; questionable shear zone.
80-90	As above.
90-100	As above — more chlorite; much of the feldspar has weathered almost to a clay.
100-110	As above.
110-120	As above.
120-130	No sample.
130-140	Schist — phlogopite, plagioclase, potassic feldspar, quartz, amphibole; questionable shear zone; more chlorite; much of the feldspar has weathered almost to a clay.
140-150	As above.
150-160	Quartz Monzonite — white and gray quartz, potassic feldspar, plagioclase, biotite, amphibole.
160-170	As above.
170-180	As above.
175-177	As above.
180-190	As above.
190-200	As above.
200-210	As above — with minor chlorite; possibly a shear zone.

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- 210-220 Quartz Monzonite — white and blue quartz; great decrease of biotite and amphibole from above.
- 220-230 As above — finer grain; minor phlogopite and chlorite, and increase in amphibole.
- 230-240 Quartz Monzonite — white and blue quartz, some biotite, amphibole, and chlorite, minor spinel and pyrite.
- 240-250 As above.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-58	No samples.	
58-250	Lovingston Formation	Precambrian

Virginia Division of Mineral Resources
Garnett Gatlin, Geologist
August 25, 1964