

OWNER: Harry W. Edwards
DRILLER: R. R. Runyon
COUNTY: Fairfax (Dranesville)

VDMR #1013
WWCR #658
TOTAL DEPTH: 185'

GEOLOGIC LOG

0-50	No sample.
50-60	Quartz-Mica Schist — medium-light-greenish-gray, medium-fine-grained, poor foliation, good lineation; muscovite, quartz, biotite, epidote; minor magnetite; trace feldspar, zircon and iron oxide stain.
60-70	"
70-80	"
80-90	with a trace of vein quartz.
90-100	Quartz-Mica Schist — medium-gray, slightly brownish; medium-fine-grained; foliated, good lineation; quartz, muscovite, green biotite; minor epidote feldspar, magnetite and calcite; trace sphene, hornblende and iron oxide stain.
100-110	"
110-120	"
120-130	Sericite Schist — light- to medium-gray, fine-grained, well foliated, corrugated; minor bands and augen of white to pale-pink quartz and feldspar; sericite, quartz, feldspar, epidote, biotite, magnetite; minor calcite and sphene; a very small portion fractured and heavily stained with orange and brown iron oxides.
130-140	No sample.
140-150	Sericite Schist — light- to medium-gray, fine-grained, well-foliated, corrugated; minor bands and augen of white to pale-pink quartz and feldspar; sericite, quartz, feldspar, epidote, biotite, magnetite; minor calcite and sphene; trace iron oxide stain.
150-160	Quartz Sericite Schist — medium-gray, fine-grained; quartzitic, well foliated with corrugations; sericite, quartz, biotite, epidote, feldspar chlorite, minor magnetite, vein quartz and calcite.
160-170	"
170-180	"
180-185	No sample.

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GEOLOGIC SUMMARY

These samples are of mica schist of uncertain age.

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
February 21, 1966