

OWNER: Upperville Elementary School
DRILLER: Leazer Pump & Well Company
COUNTY: Fauquier (Upperville)

VDMR: 1864
WWCR: 132
TOTAL DEPTH: 157'

GEOLOGIC LOG

Depth in feet

OVERBURDEN (0-50)

0-10 Overburden - light-brown soil with weathered fragments of biotite granite gneiss.
10-20 "
20-30 "
30-40 Overburden - gray soil with a few fragments of biotite schist and quartz.
40-50 Overburden - gray soil with fragments of greenish-gray biotite-granite gneiss containing sericite and chlorite.

MARSHALL GNEISS (50-157)

50-60 Biotite-granite gneiss - greenish-white to gray; biotitic and chloritic; sample pulverized.
60-70 "
70-80 "
80-90 "
90-100 " coarser grained.
100-110 Biotite-granite gneiss - gray-green; with chlorite and sericite along cleavage; traces of pyrite; pulverized sample.
110-120 "
120-130 "
130-140 "
140-150 "
150-157 "

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#1864

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50	Overburden	
50-157	Marshall Gneiss	Precambrian

Virginia Division of Mineral Resources
Richard S. Good, Geologist
May 3, 1967