



OWNER: Town of Keysville No. 10  
DRILLER: Sydnor Pump & Well Co.  
COUNTY: Charlotte (Keysville)

VDMR # 609  
WWCR # 173  
TOTAL DEPTH : 258

GEOLOGIC LOG

0-5	Overburden - very fine tan sand and clay, poorly sorted quartz grains
10	Overburden - brown clay with poorly sorted quartz gains
15	Mica schist - weathered, brown, some quartz and magnetite
25-75	As above
75-100	Mica schist - brown, weathered, interbedded with some mica-chlorite schist and milky quartz veins, some magnetite, calcite, and traces of feldspar (top of bedrock in this interval)
150-160	Mica chlorite schist - some quartz fragments and magnetite
165	As above
170	As above
175	Quartz mica gneiss - some potash feldspar and traces of chlorite schist and magnetite
180	As above
185	As above
190	As above
195	As above
200	Granite gneiss - considerable potash feldspar, some quartz and mica
205	Quartz mica gneiss - interbedded with sericite schist and chlorite
210	As above
210-213	As above
213-218	As above

218-223	Mica chlorite schist - veins of calcite and traces of quartz
223-228	As above
228-238	As above
238	Quartz mica gneiss - potash feldspar, chlorite, calcite and traces of andesite
243	As above
248	Andesite - considerable quartz, some feldspar, and traces of epidote and chlorite
258	As above

## GEOLOGIC SUMMARY

AGEROCK UNIT

Precambrian?

Mixed gneisses and schists

Virginia Division of Mineral Resources  
Laurence H. Gardner II - Geologist  
March 12, 1963