

OWNER: Shenandoah National Park - Comers Deadenig No. 2
DRILLER: Sydnor Pump & Well Co.
COUNTY: Madison (Old Rag)

VDMR # 876
WWCR # 135
TOTAL DEPTH : 250'

GEOLOGIC LOG

0-5	Overburden - weathered basalt fragments and quartz pebbles with brown silty clay.
5-10	As above
10-15	As above
15-25	No samples
25-30	Overburden - weathered basalt fragments with some iron stains and epidote.
30-35	As above
35-40	As above
40-45	Basalt - gray, hard, dense, some quartz and weathered basalt fragments (top of bedrock in this interval).
45-50	As above
50-55	Basalt - gray, hard, dense.
55-60	Basalt - gray, hard, dense, some epidotized fragments, quartz and asbestos.
60-65	Basalt - gray, hard, dense.
65-70	Basalt - gray, hard, dense, some epidote.
70-75	Basalt - gray to grayish green, hard, dense, some epidotized fragments and quartz, traces of red to purple chert.
75-80	As above
85	As above
90	Basalt - gray, hard, dense with traces of epidote.
95	As above
100	As above
105	As above

- 110 Basalt - gray, hard, dense, traces of epidote and quartz.
- 115 As above
- 120 As above
- 125 As above
- 130 As above
- 135 Basalt - gray, hard, dense, with some epidotized fragments.
- 140 Basalt - yellowish green, epidotized, traces of red chert.
- 145 As above
- 150 Basalt - gray, hard, dense, some epidotized fragments, traces of red chert, quartz, and calcite.
- 155 As above
- 160 As above
- 165 Basalt - gray, hard, dense, some epidotized fragments with veins of epidote, traces of quartz and calcite.
- 170 As above
- 175 Basalt - gray, hard, dense, traces of epidote.
- 180 As above
- 185 As above
- 190 Basalt - gray, hard, dense, some epidotized fragments with traces of quartz.
- 195 As above
- 200 Basalt - grayish green, hard, dense, epidotized, traces of quartz.
- 205 Basalt - gray, hard, dense, traces of epidote and calcite.
- 210 As above
- 215 Basalt - gray, hard, dense, traces of epidote and iron-stained basalt.

220 Basalt - gray, hard, dense, traces of epidote,
quartz, and calcite.

225 As above

230 Basalt - gray, hard, dense.

235 Basalt - gray, hard, dense, traces of epidote,
quartz, and calcite.

240 As above

245 As above

250 As above

GEOLOGIC SUMMARY

AGE

Precambrian

ROCK UNIT

Catoctin formation

Virginia Division of Mineral Resources
Laurence H. Gardner II - Geologist
September 19, 1963