

OWNER: Shenandoah National Park (Mathew's Arm No. 1)
DRILLER: Sydnor Pump & Well Co.
COUNTY: Page

VDMR # 850
WWCR # 74
TOTAL DEPTH : 200 feet

GEOLOGIC LOG

0-5	Overburden - weathered basalt, quartz fragments, and tan to brown clay
5-10	As above
10-15	As above
15-20	As above
20-25	Basalt - grayish-green, hard, dense, (top of bedrock in this interval)
25-30	As above
30-35	Basalt - grayish-green, hard, dense, trace of red jasper
35-40	As above
40-45	As above
45-50	Basalt - grayish-green, hard, dense
50-55	As above
55-60	As above
60-65	Basalt - grayish-green, hard, dense, with some partially weathered brown to tan fragments
65-70	Basalt - grayish-green, hard, dense, some brown weathered fragments, and traces of calcite
70-75	Basalt - grayish-green, hard, dense, intermixed with tan to brown weathered fragments, some quartz
75-80	As above
80-85	Basalt - grayish-green, hard, dense
85-90	As above
90-95	No sample
95-100	Basalt - grayish-green, hard, dense, trace of red jasper and epidote, some quartz
100-105	As above
105-110	As above
110-115	As above

115-120	Basalt - grayish-green, hard, dense, some epidote, quartz, and trace of asbestos
120-125	As above
125-130	Basalt - grayish-green, hard, dense, some quartz and epidote
130-135	As above
135-140	As above
140-145	As above
145-150	Basalt - grayish-green, hard, dense, some quartz and epidote, trace of asbestos
150-155	Basalt - grayish-green, hard, dense, some quartz and epidote
155-160	As above
160-165	As above
165-170	As above
170-175	Basalt - grayish-green, hard, dense, some epidote, trace of quartz
175-180	As above
180-185	As above
185-190	As above
190-195	As above
195-200	As above

GEOLOGIC SUMMARY

AGE

Precambrian

ROCK UNIT

Catoctin formation

Virginia Division of Mineral Resources
Laurence H. Gardner II - Geologist
July 2, 1963