

OWNER: Shenandoah National Park - Swift Run No.1
DRILLER: Sydnor Pump & Well Co.
COUNTY: Rockingham (Swift Run)

VDMR # 865
WWCR # 454
TOTAL DEPTH : 60'

GEOLOGIC LOG

5	Overburden - brown clay, quartz fragments, traces of purple siltstone
10	As above
15	Overburden - brown clay, traces of black manganese fragments
20	Overburden - brown clay, manganese, quartz and siltstone fragments
25	Overburden - brown clay, manganese and quartz fragments, traces of red chert
40	Basalt - dark gray, hard, dense, some very fine grained diorite
45	Basalt - dark gray, hard, dense
50	Basalt - dark gray, hard, dense, trace of calcite seams
55	Basalt - dark gray, hard, dense, some very fine grained yellowish-tan diorite
60	Basalt - dark gray, hard, dense, some very fine grained yellowish-tan diorite, trace of asbestos

GEOLOGIC SUMMARY

<u>AGE</u>	<u>ROCK UNIT</u>
Precambrian	Catoctin formation

Division of Mineral Resources
Laurence H. Gardner II - Geologist
August 1963