

OWNER: J. Lynn Cornwell, Inc. Well #2
DRILLER: Sydnor Hydrodynamics, Inc.
COUNTY: Loudoun (Purcellville)

VDMR: 1746
WWCR: 599
TOTAL DEPTH: 280'

GEOLOGIC LOG

Depth in feet

0- 25	Quartz-Mica Schist - yellowish-gray; minor amount of dark-gray schist, trace epidote
25- 40	Quartz-Mica Schist - greenish-gray
40- 59	"
59- 74	Pegmatite - mostly vein quartz but with some feldspar; some host rock inclusions
74- 89	Quartz-Mica Schist - greenish-gray; trace pyrite
89-104	"
104-119	"
119-134	"
134-149	"
149-164	" vein quartz
164-179	"
179-194	"
194-209	"
209-224	Quartz-Mica Schist - greenish-gray
224-239	"
239-254	" trace pyrite
254-269	"
269-280	" vein quartz

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GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Swift Run Formation	Cambrian-Precambrian

Virginia Division of Mineral Resources
W. W. Winters, Geologist
August 1967