

OWNER: William P. Vaughan
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Shenandoah (Woodstock)

VDMR: 1627
WWCR: 228
TOTAL DEPTH: 403'

GEOLOGIC LOG

Depth in feet

0-89	No samples
89-103	Dolomite - gray to tan-gray, medium to finely crystalline, dense, hard, some silicification; some black to tan chert
103-118	"
118-133	" with gray-tan, fine-grained, sandstone limited porosity
133-148	Dolomite - light-olive gray, fine grained, crystalline, argillaceous, some dark-gray, fine-grained, crystalline, argillaceous dolomite; trace dark-gray chert
148-163	"
163-178	Dolomite - dark-gray, finely crystalline, hard, dense, few thin dolomite veins
178-193	Dolomite - gray, finely crystalline, slightly argillaceous, hard
193-208	Dolomite - dark gray, white crystalline mottled, friable crystalline dolomite
208-223	Dolomite - light-olive-gray, fine-grained, crystalline, dark-gray, fine-grained, crystalline, argillaceous limestone; trace dark-gray chert
223-238	Dolomite - gray, white crystalline mottled, some tan, medium crystalline dolomite
238-253	"
253-268	Dolomite - dark-gray, white crystalline mottled, medium crystalline, slightly silicified, slightly argillaceous; some dolomite and chert veins
268-283	"
283-298	Dolomite - light-gray to light-tan, finely crystalline, few dispersed sand grains, slightly argillaceous

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298-313	Dolomite - medium-gray, medium-grained, crystalline, calcareous; some white crystalline dolomite
313-328	Dolomite - light-gray to light-tan, medium to finely crystalline, few dispersed sand grains, slightly friable
328-343	Dolomite - light-tan-gray, finely crystalline, few dispersed sand grains, slightly argillaceous, slightly silicified, calcareous
343-358	"
358-373	" with some chert, white and smoky
373-388	" with less silicifications and thin dark red iron chips
388-403	" " no iron

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-89	No Samples	
89-403	Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
July 1966