

OWNER: Wayne L. Smith
DRILLER: Sydnor Pump & Well Company
COUNTY: Rockingham (Bridgewater)

VDMR: 1356
WWCR: 520
TOTAL DEPTH: 226'

GEOLOGIC LOG

Depth in feet

0- 2	No samples.
2- 18	Shale — gray-to-dark-gray, calcareous; light-yellow-tan, clay.
18- 46	Shale — dark-gray, very calcareous, fossiliferous; dark-gray, medium crystalline, argillaceous, fossiliferous limestone; some clay.
46- 61	Shale — gray-to-dark-gray, some calcite crystals, some clay
61- 76	Shale — gray-to-dark-gray, very calcareous, few calcite crystals; dark-gray, finely crystalline, very argillaceous limestone.
76- 91	" with some black chert.
91-106	Limestone — dark-gray, very argillaceous, finely crystalline.
106-121	" slight increase of calcite crystals.
121-136	" large increase of calcite crystals.
136-151	" no calcite.
151-166	" few calcite crystals.
166-181	"
181-196	"
196-211	" few calcite crystals.
211-226	" moderate amount of calcite crystals.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0- 2	No samples	
2-226	Martinsburg Formation	Ordovician

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