

OWNER: Harold J. Murphy
DRILLER: Sydnor Pump & Well Co.
COUNTY: Augusta (W. Augusta)

VDMR: 1364
WWCR: 346
TOTAL DEPTH: 175'

GEOLOGIC LOG

Depth in feet

WEATHERED SANDSTONE AND SHALE (0'-30')

0-20 Sandstone and shale - weathered, with much sand

20-30 "

HAMPSHIRE FORMATION (30-175)

30-40 Shale - light-yellow, tan, and green; fine grain mica, black and reddish iron stains, silty, some fine sands.

40-55 " with dark maroon shale

55-70 Shale — maroon, silty to sandy; some clay

70-85 Sandstone - gray-green, fine grained to silty, hard, fine mica; some dark-maroon, very fine-grained to silty sandstone

85-90 " with vari-colored sandstone

90-100 Shale - gray, greenish, slightly silty

100-115 Sandstone - dark-maroon, fine-grained to silty, fine mica

115-130 Sandstone - gray to gray-green, fine-grained, hard, well cemented

130-145 " slightly carbonaceous

145-160 "

160-175 Shale - gray to gray-green, very fine mica, pyrite, black chert, some maroon shale and gray-green sandstone

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-30	Weathered sandstone and shale	
30-175	Hampshire Formation	Devonian

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
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