

OWNER: Leffie Hammock Well #7
DRILLER: Payne's Well Drilling Corporation
COUNTY: Franklin (Rocky Mount)

VDMR - 1813
WWCR - 81
TOTAL DEPTH - 197'

GEOLOGIC LOG

Depth in feet

0 - 2	Overburden	
2 - 10	Muscovite-Biotite Gneiss	— gray, fine-grained, even textured, with 15-20% muscovite and biotite (0.5 - 1 mm).
10 - 20	"	with traces of pale-pink, 1/4 mm, dodecahedral garnets.
20 - 30	"	"
30 - 40	"	"
40 - 50	Muscovite-Biotite Gneiss	— gray, fine-grained, even textured, with more biotite (muscovite-biotite ratio is about 1:1) than in 2-30 foot interval
50 - 60	"	"
60 - 70	"	"
70 - 80	"	with traces of pale-pink, 1/4 mm garnet
80 - 90	"	"
90 - 100	"	"
100 - 110	"	with traces of anhedral garnet
110 - 120	"	"
120 - 130	"	"
130 - 140	"	"
140 - 150	"	"

150 - 160	Biotite-muscovite Gneiss — gray, fine-grained, even textured, with traces of garnet and pyrite.
160 - 170	"
170 - 180	"
180 - 190	"
190 - 197	Muscovite-Biotite Gneiss — silvery white, fine-grained, even textured.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0 - 2	Overburden	
2 - 197	Lynchburg Formation	Late Precambrian

Virginia Division of Mineral Resources
Richard S. Good - Geologist
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