

OWNER: John W. Daniel (Highland Lake Inc.)
DRILLER: James A. Rich, Jr.
COUNTY: Franklin (Union Hall)

VDMR WELL # 1372
WWCR WELL # 66
TOTAL DEPTH : 146

GEOLOGIC LOG

0-35 No sample

35-40 Gneiss - light-gray and medium-brown, medium-coarse-grained; quartz, biotite, feldspar and muscovite; minor medium-gray, very-fine-grained dolomite laminae; very minor mylonite fracture fillings; the brown color is due to weathering.

40-60 As above - less weathered trace pyrite.

60-80 Gneiss and Dolomite - gneiss as above; dolomite light to medium-gray, very-fine-grained, minor calcite.

80-110 Gneiss - medium-gray, coarse-grained (0.5-2. mm) quartz, biotite, feldspar, muscovite and minor pyrite.

110-120 Dolomitic Limestone and Gneiss - light to medium-dark-gray, aphanogranular to fine grained; minor gneiss as above.

120-146 Amphibolite - medium-dark-gray slightly green, coarse-grained; actinolite and pyrrhotite minor plagioclase, quartz, and biotite; trace zircon.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-35 No sample	
35-146 Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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