

OWNER: English's, Inc.
Vista Acres Subdivision
DRILLER: Falwell Well Corp. (J. L. Eagle)
COUNTY: Campbell (Lynchburg)

VDMR #1323
WWCR #297
TOTAL DEPTH 200'

GEOLOGIC LOG

0 - 10	Residium — medium-brown, shiny, foliated, flaky, medium to coarse-grain; mica, quartz, feldspar, iron and manganese stain; vein quartz and saprolitic fragments of mica schist.
10 - 20	As above.
20 - 30	As above.
30 - 40	As above.
40 - 50	As above.
50 - 60	As above.
60 - 70	As above.
70 - 80	As above.
80 - 90	Mica Schist — medium-light-greenish gray, foliated, slightly corrugated, average grain size 0.5 mm; muscovite, biotite plagioclase, quartz, potash feldspar, apatite minor pyrite and garnet; minor knots and laminae chlorite; vein quartz; iron oxide stain.
90 - 100	As above.
100 - 110	As above, less iron oxide stain.
110 - 120	As above.
120 - 130	As above, no iron oxide stain; no vein quartz.
130 - 140	Gneiss — medium-light-gray to nearly white; medium grained, foliated, biotite, muscovite, alkali feldspar, quartz, chlorite, pyrite; friable and porous in the mica poor areas.
140 - 150	As above.
150 - 160	As above.

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- 160 - 170 Gneiss — medium-light-gray to nearly white; medium grained, foliated, biotite, muscovite, alkali feldspar, quartz, chlorite, pyrite; friable and porous in the mica poor areas, trace of iron-oxide stain.
- 170 As above, with vein quartz contact which is coated with larger flakes (2 mm) chlorite and biotite.
- 170 - 180 As above, no vein quartz.
- 180 - 190 As above, no iron oxide stain.
- 190 - 200 As above, minor iron stain.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0 - 200	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
June 23, 1965