

OWNER: Campbell County School Board
(New London Academy, Well #2)
DRILLER: Falwell Well Corporation
COUNTY: Bedford (Forest)

VDMR: 2220
WWCR: 179
TOTAL DEPTH: 160'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Saprolite — red-brown, weathered and iron-oxide-stained amphibolite; clay
10-20	"
20-30	"
30-40	"
40-50	" 60% of sample is unweathered amphibolite
50-60	Amphibolite — very dark-gray; fine-grained, foliated, gneissic; amphibole, quartz, and feldspar, with traces of phlogopite and pyrite
60-70	"
70-80	"
80-90	Amphibolite — gray; phaneritic to aphanitic; poorly-foliated to non-foliated, slickensides; amphibole, quartz, feldspar and trace of pyrite
90-100	"
100-110	Amphibolite — very dark-gray; fine-to medium-grained, foliated to non-foliated; amphiboles and quartz, minor amount of feldspar, and traces of pyrite and phlogopite
110-120	"
120-130	" with small amount of vein quartz
130-140	"
140-150	" with small amount of vein quartz
150-160	" "

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50'	Saprolite	—
50-160'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
August 16, 1968