

OWNER: M. L. Duncan Jr.
DRILLER: Farmville Well Drilling Co., Inc.
COUNTY: Cumberland (Columbia)

VDMR Well # 1438
WWCR Well # 31
TOTAL DEPTH : 103

GEOLOGIC LOG

0-49 No sample

49-63 Weathered Gneiss - moderate-orange-brown, minor medium-light
 greenish-gray; medium-to coarse grained; quartz, albite,
 chlorite, alkali-feldspar, garnet, pyrite and iron oxides.

63-83 As above - less weathering.

83-103 Metamorphosed Amphibolite - greenish-gray, very-coarse-
 grained; chlorite, hornblende, oligoclase-andesine, alkali-
 feldspar, garnet, apatite and pyrite; pink vein rich in alkali-
 feldspar transect the lineation of the metamorphosed amphibolite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-49	No sample	
49-83	Weathered Gneiss	
83-103	Metamorphosed Amphibolite	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
December 8, 1965