

OWNER: Donald Dowdy
DRILLER: Farmville Well Drilling Co., Inc.
COUNTY: Cumberland (Cumberland)

VDMR Well # 1436
WWCR Well # 30
TOTAL DEPTH : 101

GEOLOGIC LOG

0-40 No sample

40-61 Arkose - light-greenish-gray, fine-sand to granule-size-angular-grains, micaceous, graded bedding; microcline, quartz, muscovite, biotite, epidote, chlorite and minor garnet, albite-oligoclase, pyrite and zeolites; this arkose is porous and the quartz is often euhedral due to authigenic growth; minor laminae of detrital mica up to 1 mm thick; trace of weathering stain.

61-81 As above - minor medium-pebble sized grain; mica rich laminae to 3 mm thick, minor very thin laminae of coal delineating micro faulting and folding.

81-101 As above

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-40	No sample	
40-101	Bull Run Shale or Manassas Sandstone (Insufficient samples to determine rock unit)	Triassic

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