

OWNER: William H. and Elsie V. Peer, Well #2
DRILLER: Marvin O. Seek
COUNTY: Fairfax (Dranesville)

VDMR #1002
WWCR #648
TOTAL DEPTH: 125'

GEOLOGIC LOG

- 0-10 Weathered Micaceous Shale — orange-brown, sandy, trace epidote.
- 10-20 Weathered Micaceous Sandstone — red-purple-gray, medium-fine-grained, angular sand; argillaceous.
- 20-30 Arkose — pink-gray, medium-fine sand to fine pebbles; quartz, feldspar, muscovite, biotite minor clay magnetite and hematite.
- 30-40 Arkose and Sandy Micaceous Shale — pink-gray, coarse-grained, angular, poorly consolidated, friable arkose; dark-red-brown, sandy, micaceous shale.
- 40-50 "
- 50-60 Argillaceous Siltstone — red-brown, sandy, micaceous.
- 60-70 "
- 70-80 "
- 80-90 Arkose — pink-gray; coarse-grained, angular sand; poorly consolidated, porous; quartz, feldspar, muscovite, biotite, clay; trace magnetite and hematite; trace siltstone as above.
- 90-100 with large angular fragments of quartz probably from pebbles ground by the drill; more siltstone.
- 100-110 Arkose — pink-gray; coarse-grained, angular sand; poorly consolidated, porous, friable; quartz feldspar, muscovite, biotite, clay; trace magnetite and hematite; minor large angular fragments of quartz probably from pebbles ground by the drill; trace red-brown, argillaceous, micaceous siltstone.
- 110-120 Argillaceous Siltstone — red-brown, sandy, micaceous.
- 120-125 Arkose — red-brown to pink-gray; fine to coarse grained; argillaceous, micaceous, compact impervious; quartz, feldspar, mica, clay; minor epidote, trace magnetite and hematite.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
Bull Run Shale or Manasses Sandstone (Newark Group)	Triassic

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
February 17, 1966