

OWNER: Robert E. Lee Council - Boy Scouts of America

VDMR #1303

DRILLER: Sydnor Pump & Well Co., Inc.

WWCR #44

COUNTY: Goochland

TOTAL DEPTH: 97'

GEOLOGIC LOG

- 0-15 Overburden — light-pinkish-brown, coarse-grained; quartz, garnet, feldspar, clay, muscovite.
- 15-27 Saprolitic Mica Schist — gray, red-brown, white, pale-brown; biotite, quartz, potash feldspar, muscovite, garnet, hornblende, minor pyrite, zircon, epidote, magnetite, iron oxides, and clay.
- 25-35 As above — less garnet.
- 35-50 As above — minor graphite.
- 50-60 As above.
- 60-70 Biotite Gneiss — medium-gray, medium- to very-coarse-grained; biotite, quartz andesine, minor potash feldspar, garnet and pyrite; augen of perthitic barium bearing feldspar and apatite, andesine and garnet; bedrock occurs in this level.
- 70-80 As above — minor graphite.
- 80-97 As above — with iron stain clays, serpentine.

GEOLOGIC SUMMARY

ROCK UNIT

Mica Schist

TIME ROCK UNIT

Precambrian ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
June 9, 1965