

OWNER: Mrs. Hodges and James Witt
DRILLER: Farmville Well Drilling Co., Inc.
COUNTY: Prince Edward (Rice)

VDMR #1437
WWCR #41
TOTAL DEPTH: 162'

GEOLOGIC LOG

- 0-59 No samples.
- 59-82 Granite Gneiss and Hornblende Gneiss — granite gneiss: pink, coarse to extremely-coarse-grained (over 12 mm); microcline, quartz, chlorite, oligoclase, minor garnet and magnetite; hornblende gneiss: dark-gray 1 mm average grain size; hornblende, epidote, serricitized-andesine, chlorite, minor apatite and biotite.
- 82-102 Granite Gneiss — light-gray, very-coarse-grained; alkali-feldspar, quartz, oligoclase, chlorite, magnetite and apatite; minor coarser granite gneiss and hornblende gneiss as above.
- 102-122 As above — trace garnet and muscovite, trace weathering stain.
- 122-142 As above — with much coarser texture, minor hornblende gneiss as below.
- 142-162 Hornblende Gneiss — black with white, coarse-grained foliated, lineation of hornblende with plagioclase and epidote; veins of saccharoidal quartz and pegmatitic quartz, microcline, muscovite and minor garnet; the hornblende along these veins is altered to chlorite.

GEOLOGIC SUMMARY

Granite Gneiss and Hornblende Gneiss
The hornblende gneiss is the older.

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