

OWNER: Marshall England
DRILLER: Farmville Well Drilling Co., Inc.
COUNTY: Buckingham (Gravel Hill)

VDMR #1501
WWCR #125
TOTAL DEPTH: 217'

GEOLOGIC LOG

- 0-68 No samples.
- 68-82 Gneiss — light-gray, average grain size: 0.3 mm; saccharoidal, friable; quartz, albite, potash feldspar, garnet, hornblende, biotite, chlorite; trace pyrite, magnetite and pyrrhotite.
- 82-102 Hornblende Gneiss — medium-dark-gray to nearly white, banded; average grain size 0.5 mm; albite, quartz, garnet, actinolite, pyrrhotite; minor biotite, chlorite, magnetite and epidote.
- 102-122 "
- 122-142 coarser (0.3-5 mm), with pyrite.
- 142-162 Gneiss — light-gray, average-grain size: 0.8 mm; saccharoidal, friable; sodic plagioclase, quartz, actinolite, biotite, chlorite, pyrrhotite and magnetite.
- 162-182 with minor hornblende gneiss.
- 182-202 Gneiss — medium-light-gray, average grain size: 0.2 mm; sodic plagioclase, quartz, actinolite, hornblende, magnetite, chlorite, pyrrhotite, garnet.
- 202-217 minor fractures with chlorite coating; trace coarser grained portion (up to 6 mm).

GEOLOGIC SUMMARY

These samples are of hornblende-feldspar-garnet gneiss of uncertain age.

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