



OWNER: Floyd D. Gottward  
DRILLER: Farmville Well Drilling Co., Inc.  
COUNTY: Goochland

VDMR #1494  
WWCR #47  
TOTAL DEPTH: 142'

GEOLOGIC LOG

- 0-61 No samples.
- 61-82 Augen Gneiss — greenish-gray, pink, and white, medium- to extremely-coarse-grained, porous, banded; augen of andesine and alkali feldspar up to 25 mm; chlorite, hornblende, biotite, feldspar, quartz, epidote; trace calcite, garnet, sphene, zircon, pyrite and magnetite; minor clay and iron-oxide stain.
- 82-102 less iron-oxide stain, portions rich in alkali feldspar are porous and contain a zeolite (Laumontite-Gismondine).
- 102-122 Augen Gneiss — white and medium-gray, medium- to extremely-coarse-grained, banded, very porous, augen of white microcline up to 20 mm; albite, microcline, chlorite; minor biotite, hornblende, epidote, quartz, apatite; trace garnet, zircon, calcite, pyrite and a zeolite.
- 122-142 slightly less porous; microcline is pink.

GEOLOGIC SUMMARY

These samples are of an augen gneiss of uncertain age.

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
March 11, 1966