## INTERVAL SHEET

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Date rec'd: 2/24/66

PROP: Floyd D. Gottward

COMP: Farmville Well Drilling Co.

COUNTY: Goochland

VDMR Well No: 1494

Sample Interval: from 61 to 142

Number of samples: 4

Total Depth: 142

Oil or Gas: Water: XExploratory:

From-To		Γο	From-To	From-To	From-To
0 61 82 102 122	<u>-</u>	82 102	amples _ - - - -	-	<u>.</u>
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All intervals have both washed and unwashed samples.

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.

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, horn-blende, 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).

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