INTERVAL SHEET

WWCR 46

Page_____1_____   VDMR Well No: Well No. 1449_____

Date_____12/30/65_____   Sample Interval: from__53___to_160_

PROP: Lewis E. Morrison   Total Depth___160_____

COMP: Farmville Well Drilling Co.Oil___Gas___Water X Exploratory_____

COUNTY: Goochland (Bula)   Cuttings___X_Core_____Other_____
VDMR Well No: W-1449   Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 53 No samples	-	-
-	-	53 - 82	-	-
-	-	82 - 102	-	-
-	-	102 - 122	-	-
-	-	122 - 142	-	-
-	-	142 - 160	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: Lewis Earl Morrison
DRILLER: Farmville Well Drilling Co., Inc.
COUNTY: Goochland (Bula)

VDMR #1449
WWCR #46
TOTAL DEPTH: 160'

GEOLOGIC LOG

0-53   No samples.

53-82   Amphibolite — greenish-dark-gray, grain size: 1x1 to 0.5
            2.0 mm; in part with lineation; hornblende, epidote, calcic
            plagioclase minor white and pale green veins of quartz and
            epidote with minor garnet; these veins permeate the amphibolite
            rather than follow definite fractures; minor weathered actinolite
            gneiss, tan and orange-brown, grain size: 0.2 to 0.75; quartz,
            feldspar, actinolite clay and iron oxides.

82-102   As above — better lineations, trace actinolite in amphibolite,
            no weathered actinolite gneiss.

102-122   As above — with patches of epidote, no actinolite.

122-142   As above — abundant magnetite.

142-160   As above — less magnetite, more epidote and garnet, smaller
            and fewer quartz veins, trace calcite along fractures.

GEOLOGIC SUMMARY

These samples are from amphibolite of unknown age.

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