

INTERVAL SHEET

WWCR 158

Page 1

VDMR Well No.: Well No. 1333

Date 7/20/65

Sample Interval: from 0 to 300

PROP: C. E. Fulcher

Total depth 300

COMP: Robert Moore

Oil  Gas  Water  Exploratory

COUNTY: Henry

Cuttings  Core  Other

VDMR Well No: W-1333

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 10	-	-
-	-	10 - 20	-	-
-	-	20 - 30	-	-
-	-	30 - 40	-	-
-	-	40 - 50	-	-
-	-	50 - 60	-	-
-	-	60 - 70	-	-
-	-	70 - 80	-	-
-	-	80 - 90	-	-
-	-	90 - 100	-	-
-	-	100 - 110	-	-
-	-	110 - 120	-	-
-	-	120 - 130	-	-
-	-	130 - 140	-	-
-	-	140 - 150	-	-
-	-	150 - 160	-	-
-	-	160 - 170	-	-
-	-	170 - 180	-	-
-	-	180 - 190	-	-
-	-	190 - 200	-	-
-	-	200 - 210	-	-
-	-	220 -	-	-
-	-	230 -	-	-
-	-	240 -	-	-
-	-	250 -	-	-
-	-	260 -	-	-
-	-	270 -	-	-
-	-	280 -	-	-
-	-	290 -	-	-
-	-	300 -	-	-

OWNER: C. E. Fulcher  
DRILLER: Robert Moore  
COUNTY: Henry

VDMR #1333  
WWCR #158  
TOTAL DEPTH: 300'

GEOLOGIC LOG

- 0-10 Weathered Gneiss — dark-brownish to black and cream; very-coarse-grained, (larger than size of cuttings, which range from 1. to 10 mm); biotite, muscovite, alkali-feldspar, quartz, plagioclase, apatite, minor sphene, zircon, hornblende, magnetite, and iron oxides.
- 10-20 Gneiss — cream and dark-brown, coarse-grained, albite, porphyroblasts, biotite, oligoclase, epidote, muscovite, minor sphene, zircon, quartz, magnetite.
- 20-30 Gneiss — cream with minor dark-brown; coarse-grained; hornblende, biotite, albite, porphyroblasts, muscovite, epidote, oligoclase, quartz, zircon, sphene, apatite, and magnetite.
- 30-40 As above — more hornblende, less biotite.
- 40-50 As above — less albite, more biotite.
- 50-60 As above — more albite.
- 60-70 Gneiss — black with white and cream; 0.2 mm to 7 mm (cuttings size); hornblende, biotite, oligoclase, quartz, epidote, muscovite, minor zircon, apatite, sphene, magnetite; porphyroblasts of untwinned oligoclase with acicular inclusions.
- 70-80 As above — slightly finer-grained size.
- 80-90 Hornblende Gneiss — black with white, slightly iron stained; coarse-grained; hornblende, plagioclase, epidote, minor biotite, quartz, magnetite traces, sphene, pyroxene, apatite, zircon, vein quartz.
- 90-100 Gneiss — black and white; 1.0 to 10. mm grain size; hornblende, biotite, oligoclase, minor apatite, sphene, pyrite, magnetite, iron oxides.
- 100-110 As above — less hornblende, more biotite and iron oxides.
- 110-120 Gneiss — medium-bluish-gray; 0.3 to 10 mm; hornblende, biotite, oligoclase, epidote, minor sphene, apatite, pyrite, trace iron oxide.
- 120-130 Feldspar Gneiss — pale-blue-gray, 0.5 mm to 7 mm (cuttings size); oligoclase, alkali feldspar; minor biotite, quartz, magnetite, epidote, muscovite, sphene, apatite, pyrite.

OWNER: C. E. Fulcher

#1333

- 130-140 Gneiss — dark-bluish-gray; 0.5 average grain size; hornblende, oligoclase, biotite, epidote, quartz, apatite; minor sphene, alkali feldspar and magnetite.
- 140-150 As above — with pyrite and more oligoclase.
- 150-160 As above — less oligoclase.
- 160-170 As above — minor iron oxides.
- 170-180 Gneiss — medium-bluish-gray; 0.1 to 4 mm; albite, oligoclase, hornblende, biotite; minor sphene, garnet, apatite, calcite, epidote, and microcline.
- 180-190 As above — no microcline.
- 190-200 Gneiss — medium-dark-gray; 0.1 to 7.0 mm; oligoclase, albite, biotite, hornblende, quartz, apatite, and magnetite.
- 200-210 Gneiss — white and black; 0.1 to size of cuttings (7.0 mm); oligoclase, microcline, hornblende, biotite, epidote, apatite, muscovite, quartz, calcite, and sphene.
- 220 Gneiss — black and white; 1.0 mm to size of cuttings (2.0 mm); hornblende, biotite, oligoclase, sphene, minor apatite, calcite, and tourmaline.
- 230 As above — more biotite.
- 240 Gneiss — white with black; 0.2 to 3.0 mm; oligoclase, albite, potash feldspar, biotite, hornblende; minor epidote, quartz, muscovite, apatite, tourmaline, calcite, sphene.
- 250 As above — less feldspar, more apatite, muscovite, and sphene.
- 260 As above — more feldspar, less apatite.
- 270 Gneiss — black and white; 0.3 to cuttings size, (3.0 mm); hornblende, biotite, oligoclase, apatite; minor sphene, epidote.
- 280 As above.
- 290 Gneiss — white and black; 0.2 to cuttings size, (2.0 mm); hornblende, biotite, oligoclase, alkali feldspar, apatite, epidote; minor calcite, sphene, tourmaline.
- 300 As above — no alkali feldspar, more sphene.

OWNER: C. E. Fulcher

#1333

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Hornblende Gneiss or Gabbro

Precambrian (?)

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
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