

INTERVAL SHEET

WWCR 974

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VDMR Well No: Well No. 1465

Date 1/12/65

Sample Interval: from 20 to 300

PROP: Crown Const. Co. #4

Total Depth 300

COMP: C. R. Moore

Oil Gas Water Exploratory

COUNTY: Albemarle (Charlottesville)

Cuttings Core Other

VDMR Well No: W-1465

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	20 - 25	-	-
-	-	25 - 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	-	-
-	-	210 - 220	-	-
-	-	220 - 230	-	-
-	-	230 - 240	-	-
-	-	240 - 250	-	-
-	-	250 - 260	-	-
-	-	260 - 270	-	-
-	-	270 - 280	-	-
-	-	280 - 290	-	-
-	-	290 - 300	-	-
-	-	-	-	-

OWNER: Crown Construction Company, Well #4
DRILLER: C. R. Moore
COUNTY: Albemarle (Charlottesville)

VDMR #1465
WWCR #974
TOTAL DEPTH: 300'

GEOLOGIC LOG

- 0-20 No sample.
- 20-25 Augen Gneiss — tan to light-silvery-gray; augen (3 to 7 mm long) of strained and crushed feldspar and bluish quartz in a matrix of muscovite, quartz, feldspar, and magnetite; magnetite disseminated throughout the matrix and also concentrated in augen and discontinuous veins; entire sample is slightly iron stained.
- 25-30 As above — minor biotite.
- 30-40 As above.
- 40-50 Augen Gneiss — medium-greenish-silvery-gray; augen (up to 10 mm long) of crushed and strained blue and gray quartz and feldspar, stringers of muscovite and magnetite disseminated throughout and concentrated in augen and discontinuous veins; minor biotite, hematite and trace of allanite.
- 50-60 As above — lighter color, slightly less magnetite, no allanite.
- 60-70 As above — minor fractures with coating of orange iron oxide.
- 70-80 As above — no fractures.
- 80-90 As above.
- 90-100 As above — trace of iron oxide stain.
- 100-110 As above — slightly more magnetite.
- 110-120 As above — less magnetite, more iron oxide stain.
- 120-130 Augen Gneiss — light-greenish-gray, slightly foliated; smeared out augen of blue and gray quartz and feldspar in a matrix of muscovite, crushed quartz and feldspar and magnetite; traces of pyrite, hematite, calcite and biotite.
- 130-140 As above — slightly darker, augen less smeared, discontinuous veins of magnetite.
- 140-150 As above.
- 150-160 As above — slightly stained with iron oxide.
- 160-170 As above — augen more smeared out.

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170-180 Augen Gneiss — greenish-gray, slightly foliated; smeared out augen of blue and gray quartz and feldspar in a matrix of muscovite, crushed quartz and feldspar and magnetite; traces of pyrite, hematite, calcite and biotite; discontinuous veins of magnetite, slightly stained with iron oxide.

180-190 As above.

190-200 As above — occasional larger (7 x 20 mm) augen of quartz.

200-210 As above — no large augen.

210-220 As above — less magnetite.

220-230 As above.

230-240 As above — more magnetite.

240-250 As above.

250-260 As above.

260-270 As above.

270-280 As above — less magnetite.

280-290 As above — more magnetite.

290-300 As above.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-20	No sample	
20-300	Rockfish Conglomerate	Precambrian

Virginia Division of Mineral Resources
Hollis N Walker, Geologist
February 3, 1966