INTERVAL SHEET

WWCR 111

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VDMR WELL NO.: Well No. 1209

Date 1/6/65

Sample Interval: from 0 to 355

PROP: M. K. Helmick (Meadowvale Sub.)

COMP: H. Stribling

Total Depth 355

COUNTY: Fauquier (Warrenton)

Oil ____ Gas ____ Water X Exploratory ____

Cuttings X Core ____ Other ____

VDMR WELL NO: W-1209

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 10	300 - 310	-
-	-	10 - 20	310 - 320	-
-	-	20 - 30	320 - 330	-
-	-	30 - 40	330 - 340	-
-	-	40 - 50	340 - 355	-
-	-	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: Melvin K. Helmick (Meadowvale Subdivision) VDMR #1209
DRILLER: Hugo Stribling WWCR #111
COUNTY: Fauquier (Warrenton) TOTAL DEPTH: 355'

GEOLOGIC LOG

0-10	Weathered Schist - medium greenish-gray and brown, fine grained, foliated, chlorite, epidote, biotite, amphibole, minor magnetite, vein quartz, iron staining.
10-20	As above - more magnetite.
20-30	Schist - medium greenish-gray, fine grained, foliated, chlorite, epidote, amphibole, calcite, minor quartz, biotite, pyrite, and magnetite.
30-40	As above - less magnetite.
40-50	As above - less pyrite, slight weathering.
50-60	Schist - medium to dark greenish-gray, fine grained, foliated, chlorite, epidote, hornblende, calcite, minor quartz and magnetite, trace biotite and pyrite.
60-70	Greenstone - medium-dark greenish-gray, fine grained, slightly foliated, chlorite, epidote, hornblende, minor calcite, quartz, plagioclase, slight oxidation.
70-80	Greenstone - medium greenish-gray, fine grained, chlorite, epidote, hornblende, minor calcite and quartz, trace pyrite.
80-90	As above - minor vein quartz.
90-100	As above - minor vein calcite.
100-110	Greenstone - dark greenish-gray, medium grained, very slight foliation, hornblende, chlorite, epidote, quartz, calcite, minor magnetite and pyrite.
110-120	As above.
120-130	As above.
130-140	As above.
140-150	As above - more pyrite.

150-160	Greenstone - dark greenish-gray, medium grained, very slight foliation, hornblende, chlorite, epidote, quartz, calcite, minor magnetite and pyrite.
160-170	As above.
170-180	As above.
180-190	As above.
190-200	As above.
200-210	As above.
210-220	As above.
220-230	As above - very minor red-brown calcareous sandstone.
230-240	Hornblende Schist - dark greenish-gray, medium to fine grained, slight foliation, hornblende, chlorite, epidote, quartz, calcite, minor magnetite and pyrite.
240-250	As above.
250-260	As above.
260-270	As above.
270-280	As above - some layers are hornblende poor.
280-290	Greenstone - dark greenish-gray, medium fine grained, very slight foliation, hornblende, chlorite, epidote, minor quartz and calcite, trace magnetite and pyrite.
290-300	As above.
300-310	As above.
310-320	As above - some layers rich in hornblende, others rich in chlorite.
320-330	Greenstone - dark greenish-gray, fine grained, hornblende, chlorite, epidote, minor quartz, calcite, trace pyrite and magnetite.
330-340	As above.

OWNER: Melvin K. Helmick (Meadowvale Subdivision) Continued #1209

340-355	Greenstone - dark greenish-gray, fine grained, hornblende, chlorite, epidote, minor quartz, calcite, trace pyrite and magnetite.

GEOLOGIC SUMMARY

ROCK UNIT	AGE
Catoctin formation	Precambrian ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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