INTERVAL SHEET

WWCR 198

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VDMR WELL NO.: Well No. 1150

Date 10/13/64

Sample Interval: from 0 to 300

PROP: City of Danville
(C. D. Control Center)

Total Depth 300

COMP: Doyle Moore

Oil ____ Gas ____ Water X Exploratory ____

COUNTY: Pittsylvania (Danville)

Cuttings X Core ____ Other ____

VDMR WELL NO: W-1150

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	-	-	-
-	210 - 220	-	-	-
-	220 - 230	-	-	-
-	230 - 240	-	-	-
-	240 - 250	-	-	-
-	250 - 260	-	-	-
-	260 - 270	-	-	-
-	270 - 280	-	-	-
-	280 - 290	-	-	-
-	290 - 300	-	-	-

OWNER: Civil Defense Control Center
DRILLER: Moore Well Drilling Company
COUNTY: Pittsylvania (Danville)

VDMR #1150
WWCR #198
TOTAL DEPTH: 300'

GEOLOGIC LOG

0-10	Overburden - light brown, coarse grained, some fragments of granite, quartz, feldspar, clay, muscovite, biotite, amphibole, limonite, and magnetite.
10-20	As above.
20-30	As above - with greenish-gray granite fragments.
30-40	As above.
40-50	As above.
50-60	Gneiss - medium light-brownish gray, coarse grained, quartz, plagioclase and potash feldspar, muscovite, biotite, amphibole, epidote, minor iron oxides, magnetite and pyrite.
60-70	Gneiss - very light gray, coarse grained, feldspar, quartz, muscovite, biotite, chlorite, magnetite, minor iron oxides, and pyrite.
70-80	As above - no pyrite.
80-90	As above - more iron oxides.
90-100	As above.
100-110	Gneiss - very light gray, coarse grained, altered plagioclase, quartz, biotite, potash feldspar, chlorite, sericite, magnetite, very minor sphere, calcite, and pyroxene. X-ray examination indicates 2:1 plagioclase-potash feldspar ratio.
110-120	As above - more oxidation, color pinkish-light brown.
120-130	As above.
130-140	As above.
140-150	Gneiss - pinkish-light brown, coarse grained, altered plagioclase, quartz, muscovite, potash feldspar, biotite, more magnetite, iron oxide stains, and limonite fragments.

150-160	Gneiss - pinkish-light brown, coarse grained, altered plagioclase, quartz, muscovite, potash feldspar, biotite, more magnetite, iron oxide stains, and limonite fragments.
160-170	As above - fewer iron stains.
170-180	Gneiss - light gray, coarse grained, quartz, plagioclase, biotite, potash feldspar, chlorite, minor garnet, graphite, pyrite, magnetite, and limonite.
180-190	Gneiss - pinkish gray, coarse grained, quartz, plagioclase, chlorite, sericite, biotite, epidote, hornblende, minor pyrite, magnetite, and limonite.
190-200	Gneiss - pinkish brown, coarse grained, quartz, plagioclase, muscovite, chlorite, magnetite, and limonite.
200-210	As above - with garnet.
210-220	Gneiss - tan, coarse grained, quartz, plagioclase, biotite, chlorite, magnetite, minor pyrite and limonite, fewer iron stains.
220-230	Gneiss - medium light brown, coarse grained, quartz, feldspar, biotite, chlorite, pyroxene, epidote, minor magnetite, pyrite, limonite, iron stains.
230-240	Gneiss - tan, coarse grained, quartz, muscovite, feldspar, minor biotite, chlorite, magnetite, and pyrite.
240-250	Gneiss - light gray to buff, coarse grained, quartz, muscovite, plagioclase, potash feldspar, minor chlorite, biotite, magnetite, and pyrite, fewer iron stains.
250-260	Gneiss - light gray, coarse grained, quartz, plagioclase, biotite, chlorite, hornblende, minor pyrite and garnet, less magnetite, and limonite. X-ray examination indicates 2:1 plagioclase-potash feldspar ratio.
260-270	As above - with epidote, some iron stains.
270-280	As above.
280-290	As above, less garnet.
290-300	As above, more magnetite.

GEOLOGIC SUMMARY

ROCK UNIT	AGE
Shelton Gneiss	Precambrian (?)

Virginia Division of Mineral Resources
H. N. Walker, Geologist
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