

INTERVAL SHEET

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VDMR Well No: 1555

Date rec'd: 4/11/66

Sample Interval: from 0 to 370

PROP: Foxcroft School #6

Number of samples: 35

COMP: Leazer P & W Co.

Total Depth: 370

COUNTY: Loudoun  
(Middleburg)

Oil or Gas: Water: X Exploratory:

From-To	From-To	From-To	From-To
0 _10	300 _310	-	-
10 _20	310 _320	-	-
20 _30	No Sample	-	-
30 _40	330 _340	-	-
40 _50	340 _350	-	-
50 _60	350 _360	-	-
60 _70	360 _370	-	-
No Sample	-	-	-
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	-	-	-

All intervals have Both washed and unwashed samples

OWNER: Foxcroft School, Well No. 6  
DRILLER: Leazer Pump & Well Co.  
COUNTY: Loudoun (Middleburg)

VDMR: 1555  
WWCR: 596  
TOTAL DEPTH: 370'

GEOLOGIC LOG

Depth in feet

SAPROLITE (0-37)

0-10 Sapolite - brown, schistose; weathered greenstone.  
10-20 "  
20-30 "  
30-40 "

VIRGINIA BLUE RIDGE COMPLEX (37-370)

40-50 Greenstone and granite  
50-60 "  
60-70 Granite - greenish-white, coarse, 60% white feldspar, 20% blue quartz,  
and 20% irregular, blackish-green chloritic clots.  
70-80 No sample.  
80-90 Granite - greenish-white, coarse, 60% white feldspar, 20% blue quartz,  
and 20% irregular, blackish-green chloritic clots.  
90-100 Greenstone - dark green, microcrystalline; phyllitic to slaty, with minute  
black hornblende needles, 0.1 mm plagioclase laths (a few grains)  
with accessory epidote veinlets and traces of pyrite.  
100-110 Granite - greenish-white, coarse, 60% white feldspar, 20% blue quartz,  
and 20% irregular, blackish-green chloritic clots.  
110-120 "  
120-130 " with abundant greenstone fragments.  
130-140 " "  
140-150 Greenstone - dark green, microcrystalline; phyllitic to slaty, with minute  
black hornblende needles, 0.1 mm plagioclase laths (a few grains)  
with accessory epidote veinlets and traces of pyrite.

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- 150-160 Greenstone - dark green, microcrystalline; phyllitic to slaty, with minute black hornblende needles, 0.1 mm plagioclase laths (a few grains) with accessory epidote veinlets and traces of pyrite.
- 160-170 " with abundant granite fragments.
- 170-180 Granite - pink with green; potash feldspar (white and pale-pink), plagioclase, chlorite lenticles and clots; accessory magnetite and pyrite.
- 180-190 "
- 190-200 "
- 200-210 " with angular crushed feldspar grains healed with chlorite.
- 210-220 "
- 220-230 "
- 230-240 Greenstone - dark green, microcrystalline; phyllitic to slaty, with minute black hornblende needles, 0.1 mm plagioclase laths (a few grains) with accessory epidote veinlets and traces of pyrite.
- 240-250 " with epidote.
- 250-260 " with a little granite.
- 260-270 " "
- 270-280 "
- 280-290 "
- 290-300 "
- 300-310 Granite - pink with green; potash feldspar (white and pale-pink), plagioclase, chlorite lenticles and clots; accessory magnetite and pyrite.
- 310-320 "
- 320-330 No sample.
- 330-340 Granite - pink with green; potash feldspar (white and pale-pink), plagioclase, chlorite lenticles and clots; accessory magnetite and pyrite.
- 340-350 "
- 350-360 "

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360-370 Greenstone - dark green, microcrystalline; phyllitic to slaty, with minute black hornblende needles, 0.1 mm plagioclase laths (a few grains) with accessory epidote veinlets and traces of pyrite.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-37	Saprolite	
37-370	Virginia Blue Ridge Complex granite with intruded cambrian-age catoctin metabasalt feeder dikes	Precambrian

Virginia Division of Mineral Resources  
Richard S. Good  
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