

INTERVAL SHEET

WWCR: 30

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VDMR Well No: 1758

Date rec'd: 11/23/66

Sample Interval: from 38' to 300'

PROP: Blue Ridge School #1

Number of samples: 27

COMP: C. R. Moore Drilling Co.

Total Depth: 300'

COUNTY: Greene (Dyke)

Oil or Gas: Water: x Exploratory:

From-To	From-To	From-To	From-To
No Samples	-	-	-
38 - 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	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: Blue Ridge School, Well #1
DRILLER: C. R. Moore Drilling Co.
COUNTY: Greene (Dyke)

VDMR: 1758
WWCR: 30
TOTAL DEPTH : 300'

GEOLOGIC LOG

Depth (feet)

0-38	No samples
38-40	Granite - weathered; greenish white; schistose
40-50	Granite - white to buff; sheared and epidotized; epidotized fragments are yellowish-green and aphanitic, with 10-20% angular, 0.5 - 2.0 mm quartz clasts
50-60	Granite - gray-green gneiss with white-to orange-pink orthoclase, green plagioclase, clear and bluish quartz, and accessory ilmenite; some chloritic lenticles around and healing fractures in the feldspar and quartz
60-70	Granite - gray-green, gneissic; with some dark-green schist - mafic relict or sheared gneiss
70-80	Granite - green and gray; sheared; pink to red orthoclase, white and green plagioclase, clear, and bluish quartz; less than 10% of the mafic minerals present have been altered to chlorite that fills shear cracks and clouds some of the feldspar, causing a dark appearance of the sample
80-90	Granite, Granodiorite, Quartz Monzonite - green; sheared, gneissic; with pink orthoclase, white to green plagioclase, and chlorite around and clouding many of the grains; epidote and ilmenite occur in accessory amounts
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"

170-180	Granite, Granodiorite, Quartz Monzonite - green; sheared, gneissic; with pink orthoclase, white to green plagioclase, and chlorite around and clouding many of the grains; epidote and ilmenite occur in accessory amounts
180-190	"
190-200	"
200-210	"
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	"
290-300	"

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-38'	No samples	
38-60'	Pedlar Formation ; epidotized granite	Precambrian
60-300'	Pedlar Formation : sheared greenish-gray granite, granodiorite, and quartz monzonite	Precambrian

Virginia Division of Mineral Resources
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