

INTERVAL SHEET

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VDMR Well No: 1750

Date rec'd: 11/17/66

Sample Interval: from 0 to 300

PROP: J. J. Montague #1

Number of samples: 30

COMP: F. W. Martin

Total Depth: 320

COUNTY: Bedford (Moneta)

Oil or Gas: Water: <sup>X</sup> Exploratory:

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	-	-	-
No samples	All intervals have both washed and unwashed samples		

OWNER: J. Kyle Montague #1  
DRILLER: Brooks (F. Martin)  
COUNTY: Bedford (Moneta)

VDMR: 1750  
WWCR: 158  
TOTAL DEPTH: 320'

GEOLOGIC LOG

Depth in feet

OVERBURDEN

0-10	Overburden - light brown, with bleached biotite, feldspar, and quartz.
10-20	"
20-30	"
30-40	"
40-50	"
50-60	"
60-70	"

LYNCHBURG FORMATION (70-300)

70-80	Biotite gneiss - black to black and gray, schistose, fine grained with variable biotite (10-40%, average 15%), plagioclase, with little or no quartz and traces of pyrite.
80-90	"
90-100	"
100-110	"
110-120	"
120-130	" with 10% chlorite and traces of garnet and pyrite.
130-140	" with some chloritized amphibolite and biotite-augen gneiss with 2x4 mm feldspar augen.
140-150	" with black and green biotite and actinolitic amphibolite.
150-160	Biotite gneiss - black to black and gray, schistose, fine grained with variable biotite (10-40%, average 15%), plagioclase, with little or no quartz and traces of pyrite.
160-170	"
170-180	"
180-190	"

OWNER: J. Klye Montague #1

#1750

- 190-200 Biotite gneiss - black to black and gray, schistose, fine-grained with variable biotite (10-40%, average 15%), plagioclase, with little or no quartz and and traces of pyrite with traces of garnet.
- 200-210 " With some green and pink saussuritized granodiorite.
- 210-220 "
- 220-230 "
- 230-240 "
- 240-250 "
- 250-260 "
- 260-270 "
- 270-280 "
- 280-290 "
- 290-300 "
- 300-320 No samples.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-70	Overburden	
70-300	Lynchburg Formation	Late Precambrian
300-320	No samples	

Virginia Division of Mineral Resources  
 Richard S. Good, Geologist  
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