

INTERVAL SHEET

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VDMR Well No: 1767

Date rec'd: 12/15/66

Sample Interval: from 10 to 360

PROP: Moneta Dress Factory

Number of samples: 33

COMP: Falwell Well Corp.

Total Depth: 360

COUNTY: Bedford (Moneta)

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

From-To	From-To	From-To	From-To
10 -	320 -	-	-
No sample	330 -	-	-
30 -	340 -	-	-
40 -	350 -	-	-
50 -	360 -	-	-
60 -	-	-	-
70 -	-	-	-
80 -	-	-	-
90 -	-	-	-
100 -	-	-	-
110 -	-	-	-
120 -	-	-	-
130 -	-	-	-
140 -	-	-	-
150 -	-	-	-
160 -	-	-	-
170 -	-	-	-
180 -	-	-	-
190 -	-	-	-
200 -	-	-	-
210 -	-	-	-
220 -	-	-	-
230 -	-	-	-
240 -	-	-	-
No sample	-	-	-
270 -	-	-	-
280 -	-	-	-
290 -	-	-	-
300 -	-	-	-
310 -	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Bedford County Industrial Corporation  
(Dress Factory Well #2)  
DRILLER: Falwell Well Corporation  
COUNTY: Bedford (MONeta)

VDMR: 1767  
WWCR: 162  
TOTAL DEPTH: 360

GEOLOGIC LOG

Depth in feet

OVERBURDEN, SAPROLITE (10-110)

10	Overburden - pale brown, pulverized; bleached biotite (pale, silvery brown, 1 mm), 1-2 mm quartz and feldspar grains; occasional fresh black biotite flakes.
20	No sample
30	Overburden - pale brown, pulverized; bleached biotite (pale, silvery brown, 1 mm), 1-2 mm quartz and feldspar grains; occasional fresh black biotite flakes.
40	"
50	"
60	"
70	"
80	"
90	"
100	"

MONETA MIGMATITIC GNEISS (110-360)

110	Mafic Gneiss - black, pale green, and white; coarse; biotite-pyroxene-amphibole gneiss, melanocratic phase of migmatitic gneiss; 40-50% white plagioclase, 20-30% pale-green pyroxene and acicular actinolitic amphibole, 20-30% biotite.
120	"
130	"
140	"

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150	Felsic Gneiss - white; fine-grained to aplitic; 95% feldspar and quartz, and 3-5% fine-grained (1/4-1/2 mm) scattered and aligned biotite flakes.
160	"
170	"
180	"
190	"
200	"
210	"
220	"
230	" with some coarse mafic gneiss.
240	"
250	No sample
260	No sample
270	Felsic and Mafic Gneiss - white aplitic biotite-granite gneiss as in interval 150; mixed with melanocratic biotite-pyroxene-amphibole gneiss as in interval 110 <sup>f</sup> .
280	"
290	"
300	"
310	"
320	Felsic Gneiss - white; fine-grained to aplitic; 95% feldspar and quartz, and 3-5% fine-grained (1/4-1/2 mm) scattered and aligned biotite flakes; with about 10% mafic gneiss.
330	"
340	"

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- 350 Felsic Gneiss - white; fine-grained to aplitic; 95% feldspar and quartz, and 3-5% fine-grained (1/4-1/2 mm) scattered and aligned biotite flakes; with about 10% mafic gneiss.
- 360 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
10-110	Overburden, Saprolite	
110-360	Moneta Migmatitic Gneiss	Precambrian

Virginia Division of Mineral Resources  
Richard S. Good, Geologist  
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