

INTERVAL SHEET WWCR: 178

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VDMR Well No: 2219

Date rec'd: 8/14/68  
 Campbell County School Board  
 PROP: New London Academy, Well #1  
 COMP: Falwell Well Corp.  
 COUNTY: Bedford (Forest)

Sample Interval: from 0 to 380'  
 Number of samples: 38  
 Total Depth: 380'  
 Oil or Gas: Water:  Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	340 - 350	-	-
50 - 60	350 - 360	-	-
60 - 70	360 - 370	-	-
70 - 80	370 - 380	-	-
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

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(New London Academy, Well #1)  
DRILLER: Falwell Well Corp.  
COUNTY: Bedford (Forest)

VDMR: 2219  
WWCR: 178  
TOTAL DEPTH: 380'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Saprolite — red-brown, weathered and iron-oxide-stained gneiss; very micaceous; clay
10-20	"
20-30	"
30-40	" tannish-brown
40-50	" brown
50-60	Amphibole-biotite gneiss — dark gray to black; fine-to medium-grained; amphiboles, quartz, feldspar and biotite, with traces of muscovite and pyrite
60-70	"
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	"
130-140	"
140-150	" gray; decrease in amount of amphiboles, increase in amounts of biotite and feldspar
150-160	Biotite-muscovite gneiss — reddish-gray; fine-grained, very micaceous, foliated, slightly friable, sheared with slickensides, schistose; biotite, muscovite and feldspar

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160-170	Biotite-muscovite gneiss -- reddish-gray; fine-grained, very micaceous, foliated, slightly friable, sheared with slickensides, schistose; biotite, muscovite and feldspar
170-180	" with small amount of vein quartz
180-190	"
190-200	" with small amount of vein quartz
200-210	"
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	"
290-300	"
300-310	" with small amount of vein quartz
310-320	"
320-330	"
330-340	" with trace of amphiboles
340-350	" with trace of amphiboles and minor amount of gray feldspar
350-360	"
360-370	"
370-380	"

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GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-50'	Saprolite	—
50-380'	Lynchburg Formation	Precambrian

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
August 16, 1968