

INTERVAL SHEET

WWCR: 1004

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VDMR Well No: 1730

Date rec'd: 10/14/66

Sample Interval: from 50' to 230'

PROP: Crown Construction Co. Well #6

Number of samples: 19'

COMP: C. R. Moore Drilling Co.

Total Depth: 235'

COUNTY: Albemarle (Charlottesville)

Oil or Gas: Water:  Exploratory:

From-To	From-To	From-To	From-To
No Samples	-	-	-
50 -	-	-	-
60 -	-	-	-
70 -	-	-	-
80 -	-	-	-
90 -	-	-	-
100 -	-	-	-
110 -	-	-	-
120 -	-	-	-
130 -	-	-	-
140 -	-	-	-
150 -	-	-	-
160 -	-	-	-
170 -	-	-	-
180 -	-	-	-
190 -	-	-	-
200 -	-	-	-
210 -	-	-	-
220 -	-	-	-
230 -	-	-	-
No Sample	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

All intervals have both washed and unwashed samples

OWNER: Crown Construction #6 (D. Craig)  
DRILLER: C. R. Moore Drilling Co.  
COUNTY: Albemarle (Charlottesville)

VDMR: 1730  
WWCR: 1004  
TOTAL DEPTH: 235'

### GEOLOGIC LOG

Depth (feet)

0-50	No samples
50	Schist and Gneiss - sheared, metaconglomeratic, quartzo-feldspathic; gray, grayish-blue, and greenish-gray; gray and white feldspar and smoky to blue-gray quartz as isolated grains, some rounded, some angular to euhedral up to 10 mm (most 1-2 mm) and some as lenticular mixtures 1-2 mm wide, separated by leaves of fine-grained white and greenish micas (0.1 mm to 0.5 mm) with minor and local biotite. The mica content varies from 0 to 25%, but is present as a phyllitic-to-schistose matrix (particularly from 50 to 160') that coats some of the quartz and feldspar grains, pebbles, porphyro-clasts, and porphyroblasts. Some of the mica (sericite) and green hydromica, with minor and local biotite occurs along shear planes. One 10-mm quartz cataclast at 130-140' has a sugary, crushed appearance but contained a 1-mm relict of clear, uncrushed quartz in the center. 3-4% magnetite occurs as streaks and scattered grains in more than normal accessory amounts
60	"
70	"
80	"
90	"
100	Biotite Schist - with a very thin pegmatite lenticle consisting of 1/2 to 1" pink microcline grains (15%) and quartz (85%)
110	Schist and gneiss - similar to the sheared metaconglomerate from 50' to 100', but with less mica (10% or less)
120	"
130	"
140	Sheared metaconglomerate - with a schistose and gneissic matrix, and a pegmatite lenticle

150	Sheared metaconglomerate - with a schistose and gneissic matrix, and with biotite schist
160	Gneiss - with biotite, quartz, and feldspar
170	" and muscovite; the micas are fine-grained (0.1 to 0.5 mm) and in small amounts (3-10%)
180	"
190	"
200	"
210	"
220	"
230	"
230-235	No Sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50'	No Samples	
50-230'	Rockfish Formation	
230-235'	No Sample	

Virginia Division of Mineral Resources  
Richard S. Good, Geologist  
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