

INTERVAL SHEET

WWCR - 28

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VDMR Well No: 1704

Date rec'd: 9/13/66

Sample Interval: from 25 to 205'

PROP: National Park Service
(Simmons Gap Area)

Number of samples: 36

COMP: F. W. Martin

Total Depth: 205'

COUNTY: Greene

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
No Samples	170 - 175	-	-
25 - 30*	175 - 180	-	-
30 - 35*	180 - 185	-	-
35 - 40*	185 - 190	-	-
40 - 45*	190 - 195	-	-
45 - 50	195 - 200	-	-
50 - 55	200 - 205	-	-
55 - 60	-	-	-
60 - 65*	-	-	-
65 - 70*	-	-	-
70 - 75*	-	-	-
75 - 80*	-	-	-
80 - 85*	-	-	-
85 - 90*	-	-	-
90 - 95	-	-	-
95 - 100	-	-	-
100 - 105	-	-	-
105 - 110	-	-	-
110 - 115	-	-	-
115 - 120*	-	-	-
120 - 125*	-	-	-
125 - 130*	-	-	-
130 - 135	-	-	-
135 - 140*	-	-	-
140 - 145*	-	-	-
145 - 150	-	-	-
150 - 155*	-	-	-
155 - 160	-	-	-
160 - 165	-	-	-
165 - 170	-	-	-

* Unwashed samples only

OWNER: National Park Service (Shenandoah-Simmons Gap)
DRILLER: Frank W. Martin Drilling Co., Inc.
COUNTY: Greene

VDMR: 1704
WWCR: 28
TOTAL DEPTH: 205'

GEOLOGIC LOG

Depth in feet

0-25	No samples
25-30	Andesitic basalt and epidosite - dark purplish-gray, very fine grained, with epidote and epidote-quartz amygdules; very light green, medium- to coarse-grained epidosite with anhedral quartz grains; some light-gray weathered phyllite.
30-35	" with vein quartz, manganese stains, and asbestos.
35-40	" with unakite and asbestos.
40-45	" " and vein quartz.
45-50	" " "
50-55	Andesitic basalt - dark purplish-gray, very fine grained, with epidote and quartz amygdules; some asbestos.
55-60	"
60-65	Greenstone - medium gray, very fine grained, with epidote and quartz amygdules; phyllitic or sheared fragments.
65-70	" unsheared, massive fragments.
70-75	" "
75-80	Greenstone - light gray, very fine grained, slightly phyllitic, soft; with plagioclase, chlorite, traces of epidote and quartz.
80-85	"
85-90	"
90-95	" with a few epidote amygdules.
95-100	"
100-105	" very phyllitic.

OWNER: National Park Service (Shenandoah - Simmons Gap)

#1704

- 105-110 Greenstone - light gray, very fine grained, very phyllitic, soft; with plagioclase, chlorite, traces of epidote and quartz.
- 110-115 " with some asbestos.
- 115-120 Basalt - greenish-gray, fine grained, generally massive with chlorite along cleavage planes; amygdaloidal; some asbestos, quartz, and epidote.
- 120-125 " "
- 125-130 Andesitic basalt - purplish-gray, very fine grained, massive, with epidote and feldspar amygdules; some asbestos.
- 130-135 " "
- 135-140 " slightly phyllitic.
- 140-145 " chlorite along cleavage planes.
- 145-150 " "
- 150-155 " "
- 155-160 " "
- 160-165 " "
- 165-170 " "
- 170-175 " "
- 175-180 Basalt - medium gray, fine grained, massive, with epidote and quartz amygdules; some asbestos, and purplish-gray, andesitic basalt.
- 180-185 Basalt - light gray, fine grained, phyllitic.
- 185-190 " "
- 190-195 " "
- 195-200 " "
- 200-205 " "

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Catoctin Formation	Early Cambrian

Virginia Division of Mineral Resources
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