

INTERVAL SHEET

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VDMR Well No.: 710 WWCW 840

Date 9/4/62

Sample Interval: from 0 to 160

PROP: Shenandoah Nat. Park
Loft Mt. Well #2

Total depth 160

COMP: Seek Well Drilling

Oil Gas Water Exploratory

COUNTY: Albemarle

Cuttings Core Other

From-To	From-To	From-To	Washed Samples From-To	From-To
-	0 - 5	150 - 155	-	-
-	5 - 10	155 - 160	-	-
-	10 - 15	-	Complete set of	-
-	15 - 20	-	sampled intervals	-
-	20 - 25	-	-	-
-	25 - 30	-	-	-
-	30 - 34	-	-	-
-	34 - 40	-	-	-
-	40 - 45	-	-	-
-	45 - 50	-	-	-
-	50 - 55	-	-	-
-	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	-	-	-

Owner: Shenandoah National Park - Loft Mtn. No. 2
Driller: Marvin Seek
County: Albemarle

VDMR: 710
WWCR: 840
T. D. : 160

SAMPLE EXAMINATION
(washed)

0 - 5	Overburden - yellowish brown soil with occasional greenstone chips, quartz, and other weathered material.
5 - 10	as above
10 - 15	as above
15 - 20	as above
20 - 25	Overburden - relatively soft gray phyllite with other weathered material.
25 - 30	as above
30 - 35	as above
35 - 40	Greenstone - gray to grayish green, hard, dense, with traces of epidote, quartz, milky, and red chert. (Top of bedrock in this interval.)
40 - 45	as above
45 - 50	Greenstone - gray, hard, dense, with considerable epidote and minor quartz fragments.
50 - 55	Greenstone - gray to dark gray with minor amounts of epidote and quartz, greenstone appears slightly more phyllitic.
55 - 60	Greenstone - gray to dark gray, slightly phyllitic, hard, dense, with some epidote and minor quartz.
60 - 65	as above
65 - 70	Phyllite - relatively soft, gray to brown, appears to be a weathered zone with evidence of slickensides on some soft shiny fragments.

- 70 - 75 Greenstone - with minor amounts of epidote, red chert, and quartz-filled fractures, traces of phyllite.
- 75 - 80 Greenstone - gray, dense, hard, with minor epidote and quartz.
- 80 - 85 as above
- 85 - 90 Greenstone - gray, hard, dense, with minor quartz and epidote, traces of brown weathered greenstone.
- 90 - 95 Greenstone - gray, dense, hard, with increase in epidote.
- 95 - 100 Greenstone - gray, dense, hard, with minor amounts of quartz.
- 100 - 105 as above
- 105 - 110 Greenstone - hard, dense, with considerable epidote and minor amounts of quartz.
- 110 - 115 Greenstone - hard, dense, little or no epidote and quartz.
- 115 - 120 as above
- 120 - 125 Greenstone - hard, dense, slight increase in epidote.
- 125 - 130 Greenstone - hard, dense, with minor epidote.
- 130 - 135 Greenstone - hard, dense, with minor amounts of epidote and red chert.
- 135 - 140 Greenstone - hard, dense.
- 140 - 145 as above
- 145 - 150 as above
- 150 - 155 Greenstone - hard, dense, with minor epidote, quartz, and red chert.
- 155 - 160 Greenstone - hard, dense, with considerable epidote, minor amounts of milky quartz and red chert.

GEOLOGIC SUMMARY

<u>Age</u>	<u>Formation or Unit</u>
Pre-Cambrian	Catoctin formation

DIVISION OF MINERAL RESOURCES
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