

INTERVAL SHEET

WWCR 54

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VDMR Well No.: Well No. 923

Date 11/7/63

Sample Interval: from 0 to 135

PROP: CAMP WAMA VA

Total depth 135

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Warren (Front Royal)

Cuttings Core Other

VDMR Well No: W-923

Washed samples - only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 5	-	-
-	-	5 - 10	-	-
-	-	10 - 15	-	-
-	-	15 - 20	-	-
-	-	20 - 25	-	-
-	-	25 - 30	-	-
-	-	30 - 35	-	-
-	-	35 - 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 No sample	-	-
-	-	110 - 115	-	-
-	-	115 - 120	-	-
-	-	120 - 125	-	-
-	-	125 - 130	-	-
-	-	130 - 135	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: CAMP WAMA VA #1
DRILLER: Sydnor Pump & Well Co., Inc.
COUNTY: Warren

VDMR #923
WWCR #54
TOTAL DEPTH: 135'

GEOLOGIC LOG

Overburden (0-40')

- 0-5 Overburden — weathered zone, brown, quartz flakes and gravel, schist flakes, red shale, some dust size particles.
- 5-10 Overburden — brown, as above with larger pieces of schist and slightly calcareous.
- 10-15 As above.
- 15-20 Overburden — quartz, biotite schist; red shale and jasper chips.
- 20-25 As above — but particles smaller.
- 25-30 As above — very fine particles.
- 30-35 As above — but larger particles.
- 35-40 As above — with some graphite schist.

Catoctin Formation (40-135')

- 40-45 Greenstone — blue to brown, mixture of weathered material and greenstone; chlorite, quartz, biotite, jasper, epidote, plagioclase.
- 45-50 As above.
- 50-55 Greenstone — greenish-blue, very fine-grained, chlorite, epidote, quartz, plagioclase, biotite, minor calcite; fracture zone.
- 55-60 As above — but no fracture zone.
- 60-65 As above — with garnet.
- 65-70 As above — with potassic feldspar and more quartz.
- 70-75 Greenstone — greenish-blue, very fine-grained, chlorite, epidote, quartz, plagioclase, biotite, minor calcite; fracture zone.
- 75-80 As above — with more epidote.
- 80-85 As above — with jasper and garnet.

OWNER: CAMP WAMAVA #1

#923

- 85-90 Greenstone — greenish-blue, very-fine-grained, chlorite, epidote, quartz, plagioclase, biotite; minor calcite, jasper, and garnet; possible fracture zone.
- 90-95 As above — with fracture zone and no garnet.
- 95-100 Greenstone — greenish-blue, very-fine-grained, chlorite, epidote, quartz, plagioclase, biotite, minor calcite; fracture zone.
- 100-105 As above.
- 105-110 No sample.
- 110-115 Greenstone — greenish-blue, very-fine-grained, chlorite, epidote, quartz, plagioclase, biotite, minor calcite; fracture zone.
- 115-120 As above — with garnet.
- 120-125 As above — with more quartz, plagioclase and epidote.
- 125-130 As above — with less quartz and plagioclase.
- 130-135 As above — with more epidote.

GEOLOGIC SUMMARY

	<u>FORMATION</u>	<u>AGE</u>
0-40	Overburden	Quaternary
40-135	Catoctin	Precambrian

Virginia Division of Mineral Resources
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