

INTERVAL SHEET

WWCR 52

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VDMR Well No.: 863

Date 7-22-63

Sample Interval: from 5 to 250

PROP: Nat. Park Service
(Dickey Ridge #1)

Total depth _____

COMP: Sydnor

Oil _____ Gas _____ Water x Exploratory _____

COUNTY: Warren

Cuttings x Core _____ Other _____

VDMR Well No: W-863

Washed samples - only

From-To	From-To	From-To	From-To	From-To
-	-	5-	160-	-
-	-	10-	165-	-
-	-	15-	170-	-
-	-	20-	175-	-
-	-	25-	180-	-
-	-	30-	185-	-
-	-	35-	190-	-
-	-	40-	195-	-
-	-	45-	200-	-
-	-	50-	205-	-
-	-	55-	210-	-
-	-	60-	215-	-
-	-	65-	220-	-
-	-	70-75	225-	-
-	-	75-80	230-	-
-	-	80-85	230-235	-
-	-	85-90	235-240	-
-	-	90-95	240-245	-
-	-	95-100	245-250	-
-	-	100-105	-	-
-	-	105-110	-	-
-	-	110-115	-	-
-	-	115-120	-	-
-	-	120-125	-	-
-	-	130-	-	-
-	-	135-	-	-
-	-	140-	-	-
-	-	145-	-	-
-	-	150-	-	-
-	-	155-	-	-

OWNER: Shenandoah National Park (Dickey Ridge Well No.1) VDMR # 863
DRILLER: Sydnor Pump & Well Co. WWCR # 52
COUNTY: Warren (Front Royal) TOTAL DEPTH : 250 feet

GEOLOGIC LOG

5 Overburden - brown clay, quartz, weathered
basalt

10 As above

15 As above

20 Overburden - weathered and unweathered basalt
fragments, some tan clay

25 Overburden - weathered and unweathered basalt
fragments, trace of calcite, some
quartz, epidote, dull-red jasper,
silt and clay (top of bedrock in
this interval)

30 Basalt - gray, some light gray weathered fragments
with calcite, quartz, epidote, dull-red
jasper, silt and clay

35 As above

40 As above

45 Basalt - gray, some light gray weathered fragments,
increase in amount of epidote

50 Basalt - dark gray, hard, dense, some dark-gray
slaty phyllite fragments, trace of
calcite veins and epidote

55 As above

60 As above

65 As above

70-75 Basalt - dark gray to dark purple, hard, dense,
some epidote and calcite, traces of
epidotized quartz

OWNER: Shenandoah National Park (Dickey Ridge Well No.1) - (continued) #863

75-80	Basalt - dark gray, hard, dense, trace of epidote
80-85	As above
85-90	As above
90-95	As above
95-100	Basalt - dark gray, hard, dense, increase in amount of epidote
100-105	Basalt - dark gray, hard, dense, trace of epidote
105-110	As above
110-115	Basalt - dark gray, hard, dense, trace of epidote and calcite
115-120	As above
120-125	As above
130	As above
135	Basalt - dark gray, hard, dense, increase in amount of calcite and epidote
140	As above
145	As above
150	Basalt - dark gray, hard, dense, some calcite, decrease in amount of epidote
155	As above
160	Basalt - dark gray to purple, hard, dense, trace of epidote
165	Basalt - dark gray, hard, dense, trace of epidote
170	As above
175	Basalt - dark gray, hard, dense, increase in amount of epidote
180	As above
185	As above

OWNER: Shenandoah National Park (Dickey Ridge Well No.1) - (continued) #863

190	Basalt - dark gray, hard, dense, some calcite and epidote
195	As above
200	As above
205	As above
210	Basalt - dark gray, hard, dense, decrease in amount of calcite and epidote
215	As above
220	Basalt - dark gray, hard, dense, traces of epidote
225	As above
230	As above
230-235	As above
235-240	As above
240-245	As above
245-250	As above

GEOLOGIC SUMMARY

<u>AGE</u>	<u>ROCK UNIT</u>
Precambrian	Catoctin formation

Division of Mineral Resources
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