

INTERVAL SHEET WWCR: 50

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VDMR Well No: 2217

Date rec'd: 8/8/68

Sample Interval: from 0 to 400'

PROP: National Forest Service
(Hurricane Camp Ground)

Number of samples: 40

COMP: F. W. Martin Drilling Co.

Total Depth: 408'

COUNTY: Smyth (Sugar Grove)

Oil or Gas: Water Exploratory:

From-To	From-To	From-To	From-To
0 - 10	300 - 310	-	-
10 - 20	310 - 320	-	-
20 - 30	320 - 330	-	-
30 - 40	330 - 340	-	-
40 - 50	340 - 350	-	-
50 - 60	350 - 360	-	-
60 - 70	360 - 370	-	-
70 - 80	370 - 380	-	-
80 - 90	380 - 390	-	-
90 - 100	390 - 400	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: U. S. Dept. of Agriculture, Jefferson Nat'l. Forest
(Hurricane Camp Ground)

VDMR: 2217

WWCR: 50

DRILLER: Frank W. Martin Drilling Co.

TOTAL DEPTH: 408'

COUNTY: Smyth (Sugar Grove)

GEOLOGIC LOG

Depth in
feet

0-10	Saprolite — brown, weathered and iron-oxide-stained argillite, quartz and clay
10-20	"
20-30	"
30-40	" tannish-gray, minor amount of weathered material and iron-oxide stains
40-50	Argillite — blue-gray to dark blue-gray, aphanitic to slightly phaneritic, fissile, trace of slickensides, (composition by X-ray analysis: quartz, chlorite, sericite, plagioclase feldspar with trace of biotite)
50-60	"
60-70	"
70-80	"
80-90	"
90-100	"
100-110	"
110-120	"
120-130	" traces of vein quartz
130-140	" "
140-150	"
150-160	"
160-170	"
170-180	"
180-190	"

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190-200	Argillite — blue-gray to dark blue-gray, aphanitic to slightly phaneritic, fissile, trace of slickensides, (composition by X-ray analysis: quartz, chlorite, sericite, plagioclase feldspar with trace of biotite)
200-210	"
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	"
270-280	"
280-290	"
290-300	"
300-310	" traces of vein quartz
310-320	"
320-330	"
330-340	"
340-350	" traces of vein quartz
350-360	" "
360-370	"
370-380	"
380-390	"
390-400	" trace vein quartz
400-408	No sample

OWNER: U. S. Dept. of Agriculture, Jefferson National Forest
(Hurricane Camp Ground)

#2217

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-40'	Saprolite	———
40-400'	Hampton Formation	Early Cambrian
400-408'	No sample	———

Virginia Division of Mineral Resources
Robert G. Willson, Geologist
August 12, 1968