

INTERVAL SHEET

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VDMR Well No: 2074

Date rec'd: 12/3/67, 2/22/68

Sample Interval: from 11' to: 600'

PROP: Va. Dept. of Highways
(Int. 81, Fairfield Rest Area, Well #1)

Number of samples: 60

COMP: C. R. Moore Well Drilling Co.

Total Depth: 601'

COUNTY: Rockbridge (Fairfield)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
-	290 - 300	-	-
11 - 12	300 - 310	-	-
12 - 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	400 - 410	-	-
110 - 120	410 - 420	-	-
120 - 130	420 - 430	-	-
130 - 140	430 - 440	-	-
140 - 150	440 - 450	-	-
150 - 160	450 - 460	-	-
160 - 170	460 - 470	-	-
170 - 180	470 - 480	-	-
180 - 190	480 - 490	-	-
190 - 200	490 - 500	-	-
200 - 210	500 - 510	-	-
210 - 220	510 - 520	-	-
220 - 230	520 - 530	-	-
230 - 240	530 - 540	-	-
240 - 250	540 - 550	-	-
250 - 260	550 - 560	-	-
260 - 270	560 - 570	-	-
270 - 280	570 - 580	-	-
280 - 290	580 - 590	-	-
	590 - 600		

All intervals have both washed and unwashed samples.

OWNER: Virginia Department of Highways
(Interstate 81, Fairfield Rest Area, Well #1)
DRILLER: C. R. Moore Well Drilling Company
COUNTY: Rockbridge (Fairfield)

VDMR 2074
WWCR 72
TOTAL DEPTH: 601'

GEOLOGIC LOG

Depth in feet

0-11	No sample
11-12	Limestone -- dark-gray, fine-grained, microcrystalline; some light-gray, fine-grained, microcrystalline limestone; some clay
12-20	"
20-30	Limestone -- light- to medium-gray, fine-grained, microcrystalline; some dark-gray, fine-grained, microcrystalline limestone; trace of pyrite
30-40	Dolomite -- light-gray, fine-grained, microcrystalline; trace of pyrite; some dark-gray limestone
40-50	Dolomite -- light-gray, fine-grained, microcrystalline, calcareous and argillaceous; some dark-gray, argillaceous, calcareous dolomite; considerable mylonite and slickensides; some breccia and pyrite
50-60	" more breccia; some reddish coloration
60-70	" "
70-80	Dolomite -- medium dark-gray, fine-grained, microcrystalline; trace of pyrite
80-90	"
90-100	"
100-110	" some reddish dolomite
110-120	" some brecciation
120-130	" some yellowish-red dolomite
130-140	" "
140-150	" "
150-160	" "

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160-170	Dolomite -- medium-gray to dark-gray, fine-grained, microcrystalline; trace of pyrite; some brecciation and vein dolomite
170-180	"
180-190	"
190-200	"
200-210	"
210-220	"
220-230	"
230-240	"
240-250	" some reddish coloration
250-260	"
260-270	" some reddish coloration
270-280	" "
280-290	" "
290-300	" "
300-310	" "
310-320	" "
320-330	" "
330-340	"
340-350	" some reddish coloration
350-360	Dolomite -- light- to medium-gray, fine-grained, crystalline, saccharoidal; some dark-gray to black, fine-grained, crystalline, calcareous dolomite; traces of pyrite and vein calcite
360-370	" with some yellow stains on the light-gray dolomite

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370-380	Brecciated dolomite -- light- and dark-gray dolomite breccia in white dolomite matrix; some reddish, argillaceous material that gives a pinkish tint to some of the light-colored dolomite; some crystalline calcite; a few red iron-oxide stains
380-390	"
390-400	"
400-410	"
410-420	" some brown siltstone
420-430	" "
430-440	"
440-450	"
450-460	"
460-470	Dolomite -- black, fine-grained, crystalline; some light-gray, fine-grained dolomite; a few iron-oxide stains and fragments of vein dolomite
470-480	"
480-490	Dolomite -- light-gray, fine-grained, crystalline; some dark-gray to black dolomite; a few iron-oxide stains; some breccia; trace of pyrite
490-500	" increased amount of dark-gray dolomite
500-510	" "
510-520	" "
520-530	" "
530-540	" "
540-550	" "
550-560	" "
560-570	" "
570-580	" "

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580-590 Dolomite — light-gray, fine-grained, crystalline; some dark-gray to black dolomite; a few iron-oxide stains; some breccia; trace of pyrite; increased amount of dark-gray dolomite

590-600 " "

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
Elbrook Formation	Cambrian

Note - Breccia related to proximity of Staunton-Pulaski Fault zone which is exposed immediately west of well site.

Virginia Division of Mineral Resources
W. W. Winters, Geologist
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