

INTERVAL SHEET

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WWCR: 376

VDMR Well No: 1867

Date rec'd:

Sample Interval: from 0 to 550

PROP: Blue Ridge Comm. College #2

Number of samples: 55

COMP: G. Burner

Total Depth: 550

COUNTY: Augusta (Weyers Cave)

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	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	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

* Unwashed samples only

OWNER: Blue Ridge Community College #2
DRILLER: George Burner Well Drilling Co.
COUNTY: Augusta (Weyers Cave)

VDMR # 1867
WWCR # 376
TOTAL DEPTH : 550'

GEOLOGIC LOG

Depth in feet	
0-10	Clay - light-brown.
10-20	"
20-30	"
30-40	Light to medium grey, crystalline, dolomite with tiny "salt and pepper" crystals of light-grey and dark-grey dolomite rhombs. Veinlets of white dolomite. Minor iron-stained chert, and rare pyrite in the dolomite.
40-50	" , more iron staining, slightly more weathered.
50-60	Light yellowish grey, saccharoidal (sugary) crystalline dolomite with occasional flecks of pyrite or magnetite.
60-70	Missing
70-80	A mixture of saccharoidal, yellowish grey dolomite and "salt and pepper" light grey dolomite; with pyrite cubes and pink and orange staining.
80-90	"
90-100	" , with more pyrite and staining
100-110	" , with less light grey, more yellowish grey dolomite.
110-120	Light-grey, "salt and pepper" crystalline dolomite and some yellowish grey dolomite with pyrite cubes.
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"
180-190	" , with more white dolomite veins
190-200	" , with yellowish-grey dolomite

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200-210	Dolomite - light-olive-grey, saccharoidal, fine-grained, silty; some white dolomite; with yellowish-grey dolomite.	
210-220	"	"
220-230	"	"
230-240	"	"
240-250	"	"
250-260	"	"
260-270	Dolomite - greyish-black, coarse-grained, dolomitic, silty; yellowish-grey dolomite, some white dolomite veinlets and pyrite.	
270-280	"	
280-290	"	
290-300	"	
300-310	"	
310-320	"	
320-330	"	
330-340	"	
340-350	"	
350-360	" limonite.	with abundant iron stains and
360-370	"	iron stains and limonite.
370-380	"	"
380-390	"	"
390-400	"	"
400-410	"	"
410-420	"	"
420-430	"	"

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430-440	Dolomite - medium-dark grey, fine-grained trace pyrite; some yellowish-grey dolomite; limonite, iron stains, and white dolomite.
440-450	"
450-460	"
460-470	"
470-480	"
480-490	"
490-500	"
500-510	"
510-520	" less pyrite.
520-530	" "
530-540	" "
540-550	" "

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-30	Overburden	
30-550	Middle Beekmantown Formation	Ordovician

Virginia Division of Mineral Resources
John L. Sullivan, Geologist
November 23, 1976