

INTERVAL SHEET

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VDMR Well No: 1760

Date rec'd: 11-28-66

Sample Interval: from 20 to 430

PROP: Cave Spring Water Co., Inc.

Number of samples: 37

COMP: Frank W. Martin Drilling Co.

Total Depth: 450

COUNTY: Roanoke (Roanoke)

Oil or Gas: Water^X Exploratory:

From-To	From-To	From-To	From-To
-	325 - 335	-	-
20 - 30	335 - 350	-	-
30 - 40	350 - 360	-	-
40 - 50	360 - 370	-	-
50 - 60	No sample	-	-
60 - 70	380 - 390	-	-
70 - 75	390 - 400	-	-
75 - 85	400 - 410	-	-
85 - 105	410 - 420	-	-
105 - 115	420 - 430	-	-
115 - 125	-	-	-
125 - 135	-	-	-
135 - 145	-	-	-
145 - 155	-	-	-
155 - 165	-	-	-
165 - 175	-	-	-
175 - 185	-	-	-
185 - 195	-	-	-
195 - 205	-	-	-
205 - 215	-	-	-
215 - 225	-	-	-
225 - 235	-	-	-
235 - 245	-	-	-
No sample	-	-	-
265 - 275	-	-	-
275 - 285	-	-	-
285 - 295	-	-	-
295 - 305	-	-	-
305 - 315	-	-	-
315 - 325	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Cave Spring Water Co.
DRILLER: Frank W. Martin
COUNTY: Roanoke

VDMR: 1760
WWCR: 444
TOTAL DEPTH: 450'

GEOLOGIC LOG

Depth in feet

0-20	No sample.
20-30	Siltstone - 70% medium-gray, massive; 30% pole-yellowish-brown, fine-grained, crystalline limestone.
30-40	Siltstone - 70%, medium-gray, massive; 30% light-gray, fine-grained, crystalline limestone; trace of pyrite.
40-50	"
50-60	" milky quartz.
60-70	" "
70-75	Siltstone - 50% grayish-red, slightly fissile, 40% medium-gray, massive siltstone; 10% light-gray, fine-grained, crystalline, limestone.
75-85	"
85-105	"
105-115	Siltstone - 70% , medium-dark-gray, massive; calcareous; 20%, medium-light-gray, massive, calcareous siltstone, 10% pale-red, fine-grained, crystalline limestone; trace pyrite.
115-125	Siltstone - 60%, medium-gray, massive calcareous; 30% grayish-red, massive siltstone; 10% pale-red, fine-grained, crystalline limestone; trace pyrite.
125-135	"
135-145	Limestone - dark-gray, fine-grained, crystalline; minor amounts of medium-gray siltstone, grayish-red, siltstone, and pale-red limestone; vein calcite, trace pyrite.
145-155	"
155-165	"
165-175	"

OWNER: Cave Spring Water Co.

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175-185 Limestone - dark-gray, fine-grained, crystalline; vein calcite, trace pyrite.

185-195 "

195-205 "

205-215 "

215-225 "

225-235 Limestone - dark-gray, fine-grained, crystalline; calcite.

235-245 "

245-265 No sample.

265-275 Limestone - dark-gray, fine-grained, crystalline; calcite.

275-285 "

285-295 "

295-305 Siltstone - 90% medium-dark-gray, massive, calcareous; 10% light-gray, fine-grained, crystalline limestone.

305-315 Siltstone - dark-gray, massive.

315-325 Siltstone - 80% grayish-red, massive calcareous; 15% light-gray, fine-grained, crystalline limestone; 5% medium-gray siltstone.

325-335 "

335-350 "

350-360 Limestone - light-gray and medium-light-gray, fine-grained, crystalline.

360-370 Limestone - light-gray and medium-dark-gray, fine-grained, crystalline; trace pyrite.

370-380 No sample.

380-390 Limestone - medium-gray, fine-grained, crystalline; minor amount of medium-dark-gray limestone.

390-400 "

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400-410 Limestone - Grayish-black, fine-grained, crystalline, argillaceous.
410-420 "
420-430 "

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Rome Formation	Cambrian

Virginia Division of Mineral Resources
William W. Winters, Geologist
June 1967