

INTERVAL SHEET

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VDMR Well No: 1828

Date rec'd: 3/9/67

Sample Interval: from 5 to 456

PROP: Town of Salem

Number of samples: 49

COMP: F. W. Martin

Total Depth: 456'

COUNTY: Roanoke (Salem)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
No sample	280 - 290	-	-
5 - 10	290 - 300	-	-
10 - 20	300 - 310	-	-
20 - 30	310 - 320	-	-
30 - 40	320 - 330	-	-
40 - 50	330 - 340	-	-
50 - 60	340 - 350	-	-
60 - 70	350 - 360	-	-
70 - 80	360 - 370	-	-
80 - 90	369 - 370	-	-
90 - 100	370 - 380	-	-
100 - 110	380 - 390	-	-
110 - 120	390 - 400	-	-
120 - 130	400 - 410	-	-
130 - 140	410 - 411	-	-
140 - 150	410 - 420	-	-
150 - 160	420 - 430	-	-
160 - 170	430 - 440	-	-
170 - 180	440 - 450	-	-
180 - 190	450 - 456	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 265	-	-	-
265 - 270	-	-	-
270 - 280	-	-	-

No washed samples.

OWNER: Town of Salem
DRILLER: Frank W. Martin Drilling Co.
COUNTY: Roanoke, (Salem)

VDMR: 1828
WWCR: 460
TOTAL DEPTH: 456'

GEOLOGIC LOG

Depth in feet

ELBROOK FORMATION

0-5	No sample.
5-10	Limestone - medium-gray and yellowish-gray, fine-grained, crystalline; minor amount of dark-gray, fine-grained, crystalline limestone.
10-20	"
20-30	Limestone - medium-gray, fine-grained, crystalline.
30-40	" with minor amount of pale-red, weathered siltstone.
40-50	"
50-60	Limestone - light-gray and medium-light-gray, fine-grained, crystalline.
60-70	" trace pyrite.
70-80	" "
80-90	" "
90-100	" "
100-110	" "
110-120	Limestone - medium-gray, fine-grained, crystalline; some light-gray limestone; trace pyrite, calcite.
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"
180-190	"

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- 190-200 Limestone - medium-gray, fine-grained, crystalline; some light-gray limestone; trace pyrite, calcite.
- 200-210 "
- 210-220 "
- 220-230 "
- 230-240 "
- 240-250 "
- 250-260 "
- 260-265 "
- 265-270 Limestone - dark-gray, fine-grained, crystalline; vein calcite, trace pyrite.
- 270-280 Limestone - medium-gray, fine-grained, crystalline; some light-gray limestone; minor amount of dark-gray limestone; trace pyrite.
- 280-290 "
- 290-300 Limestone - dark-gray, fine-grained, crystalline; minor amounts of light-gray and medium-gray limestone; vein calcite, trace pyrite.
- 300-310 "
- 310-320 Limestone - light-gray and medium-gray, fine-grained, crystalline; minor amount of dark-gray limestone; trace pyrite.
- 320-330 "
- 330-340 "
- 340-350 Limestone - 90% light-gray and medium-gray, fine-grained, crystalline; 10% dusky yellow-green, calcareous siltstone; trace pyrite.
- 350-360 "
- 360-370 "
- 369-370 "
- 370-380 Limestone - dark-gray, argillaceous brecciated, re-cemented with calcite; minor amount of greenish-gray siltstone.
- 380-390 "

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- 390-400 Limestone - light-gray and medium-gray, fine-grained, crystalline; minor amount of greenish-gray siltstone; trace pyrite.
- 400-410 "
- 410-411 "
- 410-420 "
- 420-430 "

EDENBURG FORMATION (430-456)

- 430-440 Limestone - 85%, dark-gray, fine-grained, crystalline, argillaceous, 15 %, light-gray limestone; trace pyrite.
- 440-450 "
- 450-456 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-430	Elbrook Formation	Cambrian
430-456	Edenburg Formation	

Virginia Division of Mineral Resources
W. W. Winters, Geologist
June 15, 1967