

INTERVAL SHEET

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VDMR Well No: 1808

Date rec'd: 2/9/67

Sample Interval: from 9 to 425

PROP: Town of Vinton #1

Number of samples: 44

COMP: F. W. Martin

Total Depth: 425

COUNTY: Roanoke (Vinton)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
No sample	295 - 300	-	-
9 - 12	300 - 310	-	-
12 - 15	310 - 320	-	-
15 - 20	320 - 330	-	-
20 - 30	330 - 340	-	-
30 - 40	340 - 360	-	-
40 - 50	360 - 365	-	-
50 - 60	365 - 370	-	-
60 - 70	370 - 380	-	-
70 - 80	380 - 390	-	-
80 - 90	390 - 400	-	-
90 - 100	400 - 405	-	-
100 - 110	405 - 410	-	-
110 - 120	410 - 415	-	-
No sample	415 - 420	-	-
130 - 140	420 - 425	-	-
160 - 170	-	-	-
170-180	-	-	-
180 - 190	-	-	-
190 - 195	-	-	-
195 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 295	-	-	-

No washed samples

OWNER: Town of Vinton #1
DRILLER: Frank W. Martin Drilling Co., Inc.
COUNTY: Roanoke (Vinton)

VDMR: 1808
WWCR: 457
TOTAL DEPTH: 425

GEOLOGIC LOG

Depth in feet

0-9	No sample.
9-12	Limestone - 50%, dark-gray, fine-grained, crystalline, carbonaceous; 50% sand and clay; vein calcite.
12-15	Limestone - 75%, dark-gray, fine-grained, crystalline, carbonaceous; 25% sand and clay; vein calcite.
15-20	"
20-30	"
30-40	Limestone - dark-gray, fine-grained, crystalline, carbonaceous; vein calcite, trace chert.
40-50	"
50-60	Siltstone - medium-bluish-gray, slightly weathered.
60-70	" with vein calcite.
70-80	" "
80-90	" with some light-gray limestone.
90-100	Limestone - 50% dark-gray, fine-grained, crystalline; 50%, light- gray, fine-grained, crystalline limestone; iron oxide stains.
100-110	"
110-120	Limestone - grayish-black, fine-grained, crystalline, carbonaceous.
120-130	No sample.
130-140	Limestone - grayish-black, fine-grained, crystalline, carbonaceous.
140-150	No sample.
150-160	No sample.

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160-170	Limestone - grayish-black, fine-grained, crystalline, carbonaceous; vein calcite.
170-180	"
180-190	"
190-195	Limestone - medium-dark-gray, fine-grained, crystalline.
195-200	Limestone - grayish-black, fine-grained, crystalline, carbonaceous.
200-210	"
210-220	"
220-230	"
230-240	"
240-250	"
250-260	"
260-270	Limestone - dark-gray, fine-grained, crystalline, carbonaceous; vein calcite.
270-280	Siltstone - dark-gray, carbonaceous.
280-295	"
295-300	Siltstone - medium-dark-gray; vein calcite.
300-310	"
310-320	Limestone - 90%, medium-gray, fine-grained, crystalline, argillaceous; 10%, brownish-gray, fine-grained, crystalline, argillaceous limestone.
320-330	"
330-340	Limestone - 90%, medium-gray, fine-grained, crystalline; 10%, dark-gray, carbonaceous limestone.
340-360	Limestone - 60%, medium-gray, fine-grained, crystalline; 40% dark-gray, fine-grained, crystalline, carbonaceous limestone.
360-365	"

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- 365-370 Limestone - medium-dark-gray, fine-grained, crystalline; argillaceous, vein calcite.
- 370-380 "
- 380-390 "
- 390-400 "
- 400-405 "
- 405-410 "
- 410-415 "
- 415-420 Siltstone - dark-gray, massive.
- 420-425 "

GEOLOGIC SUMMARY

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

Virginia Division of Mineral Resources
 W. W. Winters, Geologist
 May 1967