

INTERVAL SHEET

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VDMR Well No: 1762

Date rec'd: 12/12/66

Sample Interval: from 40 to 505

PROP: Arrow Wood Country Club #2

Number of samples: 48

COMP: J. T. Kessler Drilling Company

Total Depth: 507

COUNTY: Roanoke (Roanoke)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
No sample	330 -	-	-
40 -	340 -	-	-
50 -	350 -	-	-
60 -	360 -	-	-
70 -	370 -	-	-
80 -	380 -	-	-
90 -	390 -	-	-
100 -	400 -	-	-
110 -	410 -	-	-
120 -	420 -	-	-
130 -	430 -	-	-
140 -	440 -	-	-
150 -	450 -	-	-
160 -	460 -	-	-
170 -	470 -	-	-
180 -	480 -	-	-
190 -	490 -	-	-
200 -	500 -	-	-
210 -	505 -	-	-
220 -	-	-	-
230 -	-	-	-
240 -	-	-	-
250 -	-	-	-
260 -	-	-	-
270 -	-	-	-
280 -	-	-	-
290 -	-	-	-
300 -	-	-	-
310 -	-	-	-
320 -	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Arrow Wood Country Club #2
DRILLER: J. T. Kesler
COUNTY: Roanoke

VDMR: 1762
WWCR: 447
TOTAL DEPTH: 507'

GEOLOGIC LOG

Depth in feet

0-40	No sample.
40	Limestone - 85%, medium dark-gray, fine-grained, crystalline; 15% light olive-gray, fine-grained, crystalline limestone; vein calcite.
50	Limestone - medium dark-gray, fine-grained, crystalline; vein calcite.
60	Limestone - medium light-gray, microcrystalline; vein calcite.
70	"
80	Limestone - 80%, medium dark-gray, fine-grained, crystalline; 20% medium light-gray limestone; vein calcite, trace pyrite.
90	Limestone - medium dark-gray, fine-grained, crystalline.
100	"
110	"
120	Limestone - 50%, medium dark-gray, fine-grained, crystalline; 50%, medium light-gray, fine-grained, crystalline; vein calcite.
130	"
140	Limestone - medium light-gray, microcrystalline; vein calcite, trace pyrite.
150	Limestone - 80%, medium light-gray, microcrystalline; 10% dusky yellow, fine-grained, crystalline limestone; 10% light-olive-gray, microcrystalline; vein calcite.
160	"
170	Limestone - 95% medium dark-gray, fine-grained, crystalline; 5% light olive-gray, microcrystalline limestone.
180	"
190	Limestone - 95% medium- light gray, microcrystalline; 5% light olive-gray-limestone.

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- 200 Limestone - 85%, medium dark-gray, fine-grained, crystalline; 15% medium light-gray; microcrystalline limestone; vein calcite.
- 210 Limestone - medium light-gray, microcrystalline; trace pyrite.
- 220 "
- 230 "
- 240 Limestone - 60%, medium dark-gray, fine-grained, crystalline; 40%, medium light-gray, microcrystalline limestone; vein calcite.
- 250 Limestone - 80%, medium light-gray, microcrystalline; 20% light olive-gray, fine-grained, crystalline limestone; vein calcite, trace pyrite.
- 260 "
- 270 "
- 280 Limestone - 40% light olive-gray, microcrystalline; 30% light olive-gray limestone; 30% dark-gray, fine-grained, crystalline limestone.
- 290 Limestone - 50%, light olive-gray, microcrystalline; 50% medium light-gray, microcrystalline limestone; trace pyrite.
- 300 " with very small amount of dark-gray limestone.
- 310 " "
- 320 Limestone - 50% medium light-gray, microcrystalline; 50% medium dark-gray, fine-grained microcrystalline limestone.
- 330 "
- 340 " small amount of light olive-gray limestone, vein calcite.
- 350 " "
- 360 " "
- 370 " "
- 380 " "
- 390 " light-gray chert
- 400 " trace pyrite.

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- 410 Limestone - 25% medium light-gray, microcrystalline; 25% medium dark-gray, microcrystalline, 25% light olive-gray and light-gray, fine-grained, crystalline limestone; 25% medium light-gray chert; trace pyrite.
- 420 Limestone - 80%, medium dark-gray, microcrystalline; 10% light-gray, fine-grained, microcrystalline limestone; 10% light-gray chert; pyrite.
- 430 "
- 440 "
- 450 "
- 460 Limestone - 60% medium dark-gray, microcrystalline; 20% light-gray, fine-grained, crystalline limestone; 20% light olive-gray, fine-grained, crystalline limestone; light-gray chert, pyrite, white dolomite.
- 470 "
- 480 Limestone - light olive-gray, microcrystalline.
- 490 Limestone - 50% light olive-gray, microcrystalline, 50% light-gray and light-olive-gray, fine-grained, crystalline limestone.
- 500 " with light-gray and yellow chert.
- 505 "

GEOLOGIC SUMMARY

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

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