

OWNER: Arrow Wood Country Club #1  
DRILLER: J. T. Kesler Drilling Company  
COUNTY: Roanoke (Roanoke)

VDMR: 1761  
WWCR: 446  
TOTAL DEPTH: 410'

GEOLOGIC LOG

Depth in feet

0-15	No sample.
15	Limestone - 95% medium-dark-gray, fine-grained, 5% light-gray, fine grained limestone; trace pyrite.
25	Limestone - 75% medium dark-gray; 5% light-gray limestone; 20% grayish-orange-pink, fine-grained, saccharoidal limestone; trace pyrite.
30-	"
35	Limestone, - 90% medium-dark-gray; 5% light-gray limestone; 5% grayish-orange-pink limestone; trace pyrite.
40	"
50	Limestone - grayish-black, fine-grained; vein calcite, trace pyrite.
60	"
65	Limestone - 95% light-gray, fine-grained, 5% grayish-black limestone; trace pyrite.
65-175	No sample.
175	Limestone - grayish-orange, fine-grained; some light-gray and medium-dark-gray limestone.
185	" with more medium-dark-gray limestone.
195	"
205	Limestone - 70% medium-dark-gray, fine-grained; 30% grayish-orange limestone.
215	Limestone - 70% light-gray, fine-grained; 30% grayish-orange limestone.
225	"
235	"
245	" trace pyrite.

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- 255 Limestone - 70% light-gray, fine-grained; 30% grayish-orange limestone.
- 265 " trace pyrite.
- 275 " "
- 285 " "
- 295 " "
- 300 Limestone - 90% yellowish-gray, fine-grained, saccharoidal; 10% light-gray and medium-dark-gray limestone.
- 310 Limestone - 50% yellowish-gray; 50% light-gray and medium-dark-gray limestone.
- 320 " "
- 330 Limestone - 90% medium-light-gray; 10% light-gray and yellowish gray limestone; trace pyrite.
- 340 Limestone - dark-gray, fine-grained; some yellowish-gray limestone.
- 350 Limestone - medium-gray, fine-grained; some yellowish-gray limestone.
- 360 Limestone - grayish black, fine-grained, iron stained.
- 370 Limestone - medium-dark-gray, fine-grained.
- 380 " with yellowish-gray limestone and iron stains.
- 390 Limestone - 90% yellowish-gray, fine-grained; 10% medium-dark-gray limestone.

GEOLOGIC SUMMARY

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

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