

INTERVAL SHEET

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VDMR Well No: 1795

Date rec'd on 1/24/67

Sample Interval: from 0 to 300

PROP: Adkins & Henderson Co. #1
(Eagle Lane #1)

Number of samples: 30

COMP: Falwell Well Corp.

Total Depth: 300

COUNTY: Henry (Spencer)

Oil or Gas: Water: ^X Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 300	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Adkins & Henderson Construction Co. #1
DRILLER: Falwell Well Corporation *(Engle Lane #1)*
COUNTY: Henry (Spencer)

VDMR: 1795
WWCR: 177
TOTAL DEPTH: 300'

GEOLOGIC LOG

Depth in feet

OVERBURDEN (0-61')

0-10 Overburden - light-orange quartzitic and feldspathic soil, with a few bleached biotite flakes.

10-20 Overburden - light brown, altered biotite and weathered plagioclase soil.

20-30 Overburden - gray biotite-plagioclase saprolite.

30-40 Overburden - dark-gray biotite-plagioclase saprolite.

40-50 "

50-60 "

MIXED AMPHIBOLITE AND BIOTITE GRANITE(LEATHERWOOD) (61-300')

60-70 Biotite-Plagioclase Gneiss - gray, fine grained; biotite (40-50%) 0.1-0.25 mm and plagioclase (50-60%), with accessory amount of epidote.

70-80 "

80-90 "

90-100 Biotite Granite - white, medium-grained; porphyritic with white feldspar (70%), quartz (5-20%) and irregularly scattered biotite (2-10%).

100-110 "

110-120 "

120-130 Amphibolite - greenish-black, fine-grained amphibole gneiss; 80-95% amphibole, 5-20% plagioclase, with some epidote.

130-140 Biotite Granite - white, medium-grained; porphyritic with white feldspar (70%), quartz (5-20%) and irregularly scattered biotite (2-10%).

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- 140-150 Biotite Granite - white, medium-grained; porphyritic with white feldspar (70%), quartz (5-20%) and irregularly scattered biotite (2-10%).
- 150-160 "
- 160-170 Amphibolite - greenish-black, fine-grained amphibole gneiss; 80-95% amphibole, 5-20% plagioclase, with some epidote and biotite granite.
- 170-180 Biotite Granite - white, medium-grained; porphyritic with white feldspar (70%), quartz (5-20%) and irregularly scattered biotite (2-10%).
- 180-190 "
- 190-200 " with biotitic (100%) xenoliths.
- 200-210 "
- 210-220 " with greenish-black, fine-grained amphibolite.
- 220-230 "
- 230-240 "
- 240-250 Amphibolite - greenish-black, fine-grained amphibole gneiss; 80-95% amphibole, 5-20% plagioclase, with some epidote.
- 250-260 "
- 260-270 Biotite-Muscovite Granite - gneissic, medium grained.
- 270-280 Biotite Granite - white, medium-grained; porphyritic with white feldspar (70%), quartz (5-20%) and irregularly scattered biotite (2-10%).
- 280-290 "
- 290-300 "

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GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-61	Overburden	
61-300	Mixed Amphibolite and Biotite Granite (Leatherwood)	Paleozoic (Ordovician-Mississippian)

Virginia Division of Mineral Resources
Richard S. Good, Geologist
March 10, 1967