

INTERVAL SHEET

WWCR - 71

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 Date rec'd: 11/17/66
 PROP: Aubrey Leonard
 COMP: F. W. Martin
 COUNTY: Franklin (Helm)

VDMR Well No: 1749
 Sample Interval: from 50 to 505
 Number of samples: 39
 Total Depth: 505
 Oil or Gas: Water: ^X Exploratory:

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

No washed samples

OWNER: Aubrey Leonard
DRILLER: F. Martin Drilling Co.
COUNTY: Franklin (Helm)

VDMR: 1749
WWCR: 71
TOTAL DEPTH: 505'

GEOLOGIC LOG

Depth in feet

0-50 No samples

PEDLAR FORMATION (50-505)

50-60 Graniorite - dark greenish-gray and white, fine- to medium-grained, saussuritized; plagioclase (40%), microcline and perthite (5-20%), quartz (10-25%), chlorite-epidote (5-10%), hornblende (0-15%), pyroxene (0-5%), magnetite and ilmenite (1-5%); traces of pyrite and zircon.

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 "

220-260 No samples.

OWNER: Aubrey Leonard

#1749

- 260-270 Graniorite - dark greenish-gray and white, fine- to medium-grained, saussuritized; plagioclase (40%), microcline and perthite (5-20%), quartz (10-25%), chlorite-epidote (5-10%), hornblende (0-15%), pyroxene (0-5%), magnetite and ilmenite (1-5%); traces of pyrite and zircon.
- 270-280 "
- 280-290 "
- 290-300 "
- 300-310 "
- 310-320 "
- 320-330 "
- 330-340 " with some white granophyre with graphic intergrowths of 0.25-.50 mm feldspar and quartz.
- 340-350 "
- 350-360 No sample.
- 360-370 Graniorite - dark greenish-gray and white, fine- to medium-grained, saussuritized; plagioclase (40%), microcline and perthite (5-20%), quartz (10-25%), chlorite-epidote (5-10%), hornblende (0-15%), pyroxene (0-5%), magnetite and ilmenite (1-5%); traces of pyrite and zircon.
- 370-380 "
- 380-390 "
- 390-400 "
- 400-420 No samples.
- 420-430 Graniorite - dark greenish-gray and white, fine- to medium-grained, saussuritized; plagioclase (40%), microcline and perthite (5-20%), quartz (10-25%), chlorite-epidote (5-10%), hornblende (0-15%), pyroxene (0-5%), magnetite and ilmenite (1-5%); traces of pyrite and zircon.
- 430-440 "
- 440-450 "

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450-460 Graniorite - dark greenish-gray and white, fine- to medium-grained, saussuritized; plagioclase (40%), microcline and perthite (5-20%), quartz (10-25%), chlorite-epidote (5-10%), hornblende (0-15%), pyroxene (0-5%), magnetite and ilmenite (1-5%); traces of pyrite and zircon.

460-470 "

470-480 "

480-490 "

490-500 "

500-505 "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50	No samples	
50-505	Pedlar Formation	Precambrian

Virginia Division of Mineral Resources
 Richard S. Good, Geologist
 June 9, 1967