

INTERVAL SHEET

WWCR 295

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VDMR Well No.: Well No. 1268

Date 2/23/65

Sample Interval: from 0 to 450

PROP: Town of Altavista Well #2

Total depth 450

COMP: Falwell Well Corp.

Oil Gas Water Exploratory

COUNTY: Campbell (Altavista)

Cuttings Core Other

VDMR Well No: W-1268

Washed samples

From-To	From-To	From-To	From-To	From-To
-	-	0 - 10	300 - 310	-
-	-	10 - 20	310 - 320	-
-	-	20 - 30	320 - 330	-
-	-	30 - 40	330 - 340	-
-	-	40 - 50	340 - 350	-
-	-	50 - 60	350 - 360	-
-	-	60 - 70	360 - 370	-
-	-	70 - 80	370 - 380	-
-	-	80 - 90	380 - 390	-
-	-	90 - 100	390 - 400	-
-	-	100 - 110	400 - 410	-
-	-	110 - 120	410 - 420	-
-	-	120 - 130	420 - 430	-
-	-	130 - 140	430 - 440	-
-	-	140 - 150	440 - 450	-
-	-	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	-	-

OWNER: Town of Altavista - Well #2

VDMR #1268

DRILLER: Falwell Well Corporation (Kinkle Campbell)

WWCR #295

COUNTY: Campbell

TOTAL DEPTH: 450'

GEOLOGIC LOG

0-10	Weathered Schist — very-light-brown to dark-brown, flaky, shiny, coarse-grained; muscovite, quartz, biotite, plagioclase, staurolite, magnetite; trace tourmaline.
10-20	As above — with garnet.
20-30	As above.
30-40	As above.
40-50	As above.
50-60	Schist — silver-gray, coarse-grained; foliated, knotted; muscovite, quartz, biotite, sillimanite, pinite, feldspar, magnetite; minor cordierite; trace tourmaline and apatite.
60-70	As above — with minor garnet and chlorite.
70-80	As above.
80-90	As above.
90-100	As above.
100-110	As above — hematite inclusions in sillimanite and pinite.
110-120	As above — trace pyrite.
120-130	As above.
130-140	As above.
140-150	As above.
150-160	As above.
160-170	As above.
170-180	As above.
180-190	As above — less hematite stain.
190-200	As above.
200-210	As above.

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- 210-220 Schist — silver-gray, coarse-grained; foliated, knotted; muscovite, quartz, biotite, sillimanite, pinite, feldspar, magnetite; minor cordierite; trace tourmaline, apatite, and pyrite.
- 220-230 As above.
- 230-240 As above.
- 240-250 As above.
- 250-260 Schist — medium-gray, coarse-grained; shiny, foliated, knotted; biotite, chlorite, quartz, plagioclase, sillimanite, pinite, magnetite, minor pyrite, and garnet.
- 260-270 As above — hematite stain in sillimanite and pinite.
- 270-280 As above — minor cordierite.
- 280-290 As above — about one-sixth of this sample is a greenish-black, medium-grained gabbro; pyroxene and plagioclase.
- 290-300 As above — one-third of sample is gabbro.
- 300-310 Schist — greenish-silver-gray, coarse-grained; foliated, slightly knotted; chlorite, muscovite, quartz, feldspar, sillimanite, pinite, magnetite; trace pyrite.
- 310-320 As above.
- 320-330 As above.
- 330-340 As above.
- 340-350 As above.
- 350-360 As above — more sillimanite.
- 360-370 As above.
- 370-380 As above — minor garnet.
- 380-390 As above — minor calcite vein.
- 390-400 Schist — greenish-silver-gray, coarse-grained; foliated, slightly knotted; chlorite, muscovite, biotite, sillimanite, pinite, quartz, feldspar, magnetite, pyrite, garnet; hematite inclusions in pinite.

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- 400-410 Schist — greenish-silver-gray, coarse-grained; foliated, slightly knotted; chlorite, muscovite, biotite, sillimanite, pinite, quartz, feldspar, magnetite, pyrite, garnet; hematite inclusions in pinite.
- 410-420 As above — more garnet; minor gabbro.
- 420-430 As above — minor iron oxide stain.
- 430-440 As above — no gabbro or oxidation stain.
- 440-450 As above.

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Mount Athos Formation

Precambrian

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
March 23, 1965