

INTERVAL SHEET

WWCR 928

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VDMR Well No.: Well No. 983

Date 4/2/64

Sample Interval: from 50 to 400

PROP: Piney Mt. Restaurant  
Well #2

Total depth 403-1/2

COMP: C. R. Moore

Oil  Gas  Water  Exploratory

COUNTY: Albemarle (Mt. Chapel)

Cuttings  Core  Other

VDMR Well No: W-983

Washed samples only

From-To	From-To	From-To	From-To	From-To
-	-	0 - 50	No samples -	-
-	-	50 - 51	340 - 350	-
-	-	51 - 60	350 - 360	-
-	-	60 - 70	360 - 370	No sample -
-	-	70 - 80	370 - 380	-
-	-	80 - 90	380 - 390	-
-	-	90 - 100	390 - 400	-
-	-	100 - 110	400 - 403-1/2	No sample -
-	-	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	-	-
-	-	300 - 310	-	-
-	-	310 - 320	-	-
-	-	320 - 330	-	-
-	-	330 - 340	-	-

OWNER: Piney Mountain Restaurant - Well #2  
DRILLER: C. R. Moore  
COUNTY: Albemarle (Mt. Chapel)

VDMR #983  
WWCR #928  
TOTAL DEPTH: 403.5'

GEOLOGIC LOG

- 0-50            No samples.
- Lynchburg Formation (50-400')
- 50-51            Biotite Gneiss — bluish-black, fine-grained, small lamina,  
white quartz, biotite, pyrite.
- 51-60            As above — with chlorite, calcite and gray quartz.
- 60-70            Quartz-Biotite Gneiss — white to bluish-black; (X-ray  
examination: 30% biotite, 25% quartz, 25% plagioclase, 11%  
potassic feldspar, 3% chlorite, 2% calcite, 3% amphibole, 1%  
pyrite).
- 70-80            As above.
- 80-90            As above.
- 90-100           As above.
- 100-110           As above — but darker.
- 110-120           Quartz-Biotite Gneiss — bluish-black to gray, very-fine-grained;  
white and clear quartz, plagioclase, biotite.
- 120-130           As above.
- 130-140           As above — some blue quartz.
- 140-150           As above.
- 150-160           As above.
- 160-170           As above — but lighter.
- 170-180           As above — some garnet.
- 180-190           As above — but darker.
- 190-200           As above — but finer grained and increase in biotite.
- 200-210           Quartz-Biotite Gneiss — bluish-black to white, increase in quartz,  
and plagioclase; pyrite and garnet.

OWNER: Piney Mountain Restaurant - Well #2

#983

- 210-220 Quartz-Biotite Gneiss — bluish-black to white, darker, increase in quartz, and plagioclase; pyrite and garnet.
- 220-230 As above — with no pyrite or garnet.
- 230-240 As above — with less biotite.
- 240-250 As above — with either serpentine talc or chloritoid.
- 250-260 Quartz-Biotite Gneiss — bluish-black to white, increase in quartz and plagioclase, pyrite and garnet, chlorite.
- 260-270 As above — talc and serpentine; fracture zone.
- 270-280 As above.
- 280-290 As above.
- 290-300 As above — but darker and finer grained; calcite veins and small actinolite crystals.
- 300-310 Quartz Diorite — white, pink, and black; potassic feldspar, chlorite; quartz biotite, plagioclase, epidote, and calcite.
- 310-320 As above.
- 320-330 Quartz Diorite — white, pink, and black; (X-ray examination: 30% plagioclase, 20% amphibole, 15% potassic feldspar, 10% quartz, 10% biotite, 10% chlorite, 5% calcite.
- 330-340 Quartz-Biotite Gneiss — black, not as gneissic as previously; (X-ray examination: 30% amphibole, 20% quartz, 20% plagioclase 15% biotite, 10% potassic feldspar, 5% chlorite.
- 340-350 As above — with less quartz; addition of minor garnet and pyrite.
- 350-360 As above.
- 360-370 No sample.
- 370-380 Quartz-Biotite Gneiss — white to black; quartz, plagioclase, biotite, amphibole, chlorite, potassic feldspar.
- 380-390 As above — but darker, with garnet and pyrite.
- 390-400 As above.
- 400-403.5 No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-50	No samples	
50-400	Lynchburg Formation	Precambrian
400-403.5	No sample	

Virginia Division of Mineral Resources  
Garnett Gatlin, Geologist  
August 24, 1964