

INTERVAL SHEET

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VDMR Well No.: 615

Date 12/27/61

Sample Interval: from 3 to 370

PROP: J. B. Murray

Total depth 385

COMP: Sydnor

Oil  Gas  Water  Exploratory

COUNTY: Albemarle  
(Earlsville)

Cuttings  Core  Other

From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
-	3-10	280-290	3-10	280- 290
-	10-20	290-300	10-20	290-300
-	20-30	300-310	20-30	300-310
-	35-40	310-320	35-40	Missing
-	40-50	320-330	40-50	320-330
-	50-60	330-340	50-60	Missing
-	60-70	340-350	60-70	340-350
-	70-80	350-360	70-80	350-360
-	72-	360-370	72-	360-370
-	80-90	-	80-90	-
-	82-	-	82-	-
-	83-	-	83-	-
-	90-100	-	90-100	-
-	100-110	-	100-110	-
-	110-120	-	110-120	-
-	120-130	-	120-130	-
-	130-140	-	130-140	-
-	150-160	-	150-160	-
-	160-170	-	160-170	-
-	170-180	-	170-180	-
-	180-190	-	180-190	-
-	190-200	-	190-200	-
-	200-210	-	200-210	-
-	210-220	-	210-220	-
-	220-230	-	220-230	-
-	230-240	-	230-240	-
-	240-250	-	240-250	-
-	250-260	-	250-260	-
-	260-270	-	260-270	-
-	270-280	-	270-280	-

OWNER: Panorama Corp., Well No. 1  
DRILLER: Sydnor Pump & Well Co.  
COUNTY: Albemarle (Earlsville)

VDMR # 615  
WWCR # 438  
TOTAL DEPTH : 385 feet

GEOLOGIC LOG

0-3	No sample
3-10	Overburden - brown, mica, quartz, and clay
10-20	As above
20-30	As above
35-40	Biotite gneiss - quartz, biotite, and feldspar, traces of brown weathered mica schist (top of bedrock in this interval)
40-50	Biotite gneiss - quartz, biotite, feldspar, some orange stains
50-60	As above
60-70	Biotite gneiss - quartz, biotite, feldspar, traces of garnet
70-80	As above
72	Biotite gneiss - some weathered surfaces and hematite stains
80-90	Amphibolite - considerable hornblende
83	Biotite gneiss - quartz, feldspar, and biotite
90-100	Hornblende biotite gneiss - considerable plagioclase feldspar, biotite, some quartz, traces of tourmaline, garnet, and kyanite
100-110	As above
110-120	As above
120-130	As above
130-140	Biotite gneiss - feldspar, quartz, biotite, and minor amount of hornblende, traces of garnet
140-150	No sample

150-160	Biotite gneiss - quartz, feldspar, and biotite
160-170	As above
170-180	As above
180-190	As above
190-200	As above
200-210	As above
210-220	As above
220-230	As above
230-240	As above
240-250	As above
250-260	As above
260-270	As above
270-280	As above
280-290	As above
290-300	Biotite schist - considerable biotite and feldspar interbedded with biotite gneiss
300-310	As above
310-320	No sample
320-330	Biotite gneiss - considerable feldspar and biotite, some quartz and garnet
330-340	No sample
340-350	Biotite gneiss - quartz, biotite, considerable feldspar
350-360	As above
360-370	As above
370-385	No sample

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Lynchburg formation

Virginia Division of Mineral Resources  
Laurence H. Gardner II - Geologist  
March 15, 1963