

INTERVAL SHEET

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VDMR WELL NO. 787 WWCR # 3

Date 2/4/63

Sample Interval: from 0 to 310

PROP: Pete Heslep #4

Total Depth 312

COMP: C. R. Moore

Oil Gas Water Exploratory

COUNTY: Greene (Ruckersville)

Cuttings Core Other

From-To	From-To	From-To	From-To	From-To
-	0-19 no sample	-	-	Complete set of Intervalled samples
-	19-20	-	-	
-	20-30	-	-	-
-	30-40	-	-	-
4 -	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	-	-	-
-	300-310	-	-	-
-	310-312 no sample	-	-	-

OWNER: Pete Heslep # 4
DRILLER: C. R. Moore (Gibson)
COUNTY: Greene (Ruckersville)

VDMR # 787
WWCR # 3
TOTAL DEPTH: 312

GEOLOGIC LOG

0-19	No sample (Top of bedrock in this interval)
19-20	Gneiss - white and black, hard, coarse grained, 75% quartz, 15% feldspar, 8% biotite, trace of weathering.
20-30	Gneiss - light gray and black, hard, coarse grained, 70% feldspar, 23% quartz, 5% biotite, trace of weathered biotite and feldspar.
30-40	Gneiss - light gray and black, hard, coarse grained, 75% feldspar, 20% quartz, 3% biotite, slight trace of weathering.
40-50	As above
50-60	Gneiss - light gray and black, hard, coarse grained, 70% feldspar, 20% quartz, 8% biotite
60-70	As above
70-80	Gneiss - light gray and black, coarse grained, 75% feldspar, 20% quartz, 3% biotite
80-90	As above
90-100	As above
100 - 110	Gneiss - light gray and black, moderately hard, coarse grained, 70% feldspar, 20% quartz, 8% biotite, heavy trace of weathering.
110-120	Gneiss - light gray and black, hard, coarse grained, 75% feldspar, 15% quartz, 8% biotite, slight trace of weathering.
120-130	Gneiss - light gray and black, hard, coarse grained, 75% feldspar, 20% quartz, 3% biotite
130-140	Gneiss - white and black, hard, coarse grained, (X-ray: 60% plagioclase feldspar, 25% orthoclase feldspar, 10% quartz, 3% biotite)
140-150	Gneiss - light gray and black, hard, coarse grained, 70% feldspar, 20% quartz, 8% biotite, trace of weathering
150-160	As above

160-170	As above
170-180	As above
180-190	Gneiss - light gray and black, hard, coarse grained, 60% feldspar, 30% quartz, 8% biotite, trace of weathering
190-200	As above
200-210	Gneiss - light gray and black, hard, coarse grained, 60% feldspar, 35% quartz, 3% biotite, trace of garnet
210-220	As above
220-230	Gneiss - light gray and black, hard, coarse grained, 60% feldspar, 30% quartz, 8% biotite
230-240	As above
240-250	As above
250-260	Gneiss - light gray and black, hard, coarse grained, 70% feldspar, 20% quartz, 8% biotite, trace of weathered feldspar
260-270	As above
270-280	Gneiss - light gray and black, hard, coarse grained, 60% quartz, 33% feldspar, 5% biotite, trace of garnet and weathered feldspar
280-290	Gneiss - light gray and black, hard, coarse grained, 55% feldspar, 23% quartz, 20% biotite, trace of weathered feldspar
290-300	As above
300-310	As above
310-312	No sample

GEOLOGIC SUMMARY

AGEROCK UNIT

Precambrian

Lovington formation

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
February 11, 1963