INTERVAL SHEET

Page1	VDMR Well No.: <u>#758</u> WWCR # 755
Date12/6/62	Sample Interval: from 32 to 201
PROP: James E. Layne	Total depth
COMP: C. R. Moore	OilGasWater_x_Exploratory
COUNTY: Albemarle (Earlysville)	Cuttings x Core Other
*	Washed Samples
From-To From-To	From-To From-To From-To
- 0-32 no sam	oles
- 32-40	- Complete set of
- 40-50	- Sampled intervals -
- 50-60	
- 60 70	
70 80	
	_
- 80 90	
90-100	
100-110	
110-120	
- 120-130	
- 130 140	
- 140 150	1 % } _
- 150 160	
160 170	등 기계
- 170 180	
170 100	
100	
- 180 190	
- 190 191 no sa	nole
- 191 192	
- 192 201	
	·
-	
(44)	

OWNER: James E. Layne

DRILLER: C. R. Moore (Ollie Gibson)
COUNTY: Albemarle (Earlysville)

VDMR # 758 WWCR # 755 TOTAL DEPTH:201

SAMPLE DESCRIPTION (Washed Samples)

0 - 32	No samples (Top of bedrock in this interval)
32-40	Biotite schist - black and white, hard, dense, medium to coarse grained, 40% feldspar, 40% quartz, 18% biotite, trace of small garnet crystals, red clay, and iron oxide.
40-50	Biotite schist - black with some white, very hard, dense, medium grained (X-ray analysis: 50% plagioclase feldspar, 25% biotite, 23% quartz) trace of garnet and iron oxide.
50-60	Biotite schist - white, and black, hard, dense to moderately permeable, fine to medium grained, 45% feldspar, 30% biotite, 23% quartz, trace of brown weathered material.
60-70	Biotite schist - brown with some white, moderately hard and permeable, fine grained, 50% feldspar, 30% quartz, 18% biotite, heavy trace of garnet and iron oxide.
70-80	Biotite schist - black and white, very hard, dense, medium grained, 40% feldspar, 40% quartz, 18% biotite, slight trace of weathered material.
80-90	Granite gneiss - black and white, very hard, dense, coarse grained (X-ray analysis: 40% orthoclase feldspar, 30% plagioclase feldspar, 20% quartz, 8% biotite).
90-100	As above
100-110	As above
110-120	As above
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	Biotite schist - black with some white, hard, dense, medium grained, 35% feldspar, 35% quartz, 28% biotite, slight trace of weathered material.
191-192	Biotite schist - black with some white, hard, dense, medium grained, 35% feldspar, 35% quartz, 28% biotite, heavy trace of weathered material.
192-201	Biotite schist - black with some white, hard, dense, medium grained (X-ray analysis: 35% plagioclase feldspar, 35% quartz, 28% biotite).

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Lovingston formation

Virginia Division of Mineral Resources Merrick S. Whitfield - Geologist January 25, 1963