

OWNER: Albemarle Co. Service Authority
DRILLER: C. R. Moore
COUNTY: Albemarle (Rio, 3 M. N. Ch'ville, S. Rt. 857)

VDMR Well No: 1664
WWCR Well No: 996
Total Depth: 255'

GEOLOGIC LOG

0-60	No samples
60-70	Gneiss, gray, medium to fine-grain quartz and biotite; sericitic and calcareous.
70-80	" trace pyrite
80-90	" pyrite in bands, slightly vugular, crinkled
90-100	" " less vugular
100-110	" pyrite in bands, in fracture fillings, not vugular
110-120	" " few vugs
120-130	" "
130-140	" pyrite in bands, some vugs, crinkling along bands, few calcite veins, calcite crystals
140-150	" pyrite in bands, thread thin pyritic veins, trace blue quartz
150-170	" some crinkled banding
170-190	" "
190-210	Gneiss, gray with lighter gray banding, medium to fine grained, mica, medium to fine flakes in bands, sericitic, calcareous, with a silicified pyrite vein
210-230	" with quartz vein slightly pyritic on edges
230-250	" calcite veins partly silicified
250-255	No samples

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-60	No samples	
60-250	Lynchburg Formation	Pre-Cambrian
250-255	No samples	

Note: (1) Water reported at 80-85'. May be associated with vugs partially filled by pyrite; (2) water reported at 135-140'. May be associated with crinkling in the banding along which vugs partially filled by pyrite occurred; (3) water reported at 170-175'. May be associated with crinkling of banding and vugs partially filled by pyrite.

Virginia Division of Mineral Resources
Warren J. Souder, Geologist
July 25, 1966