

OWNER: Stuart  
DRILLER: C. R. Moore Drilling Co.  
COUNTY: Albemarle (Batesville)

VDMR: 1665  
WWCR: 997  
TOTAL DEPTH: 175'

### GEOLOGIC LOG

#### Depth in feet

0-135 No samples

135-145 Biotite adamellite gneiss — dark-gray and greenish-white, coarse-grained, slightly schistose, porphyroblastic augen and coarse-grained saussuritized, light greenish-white and white, unaltered plagioclase and microcline as thin undulose bands and porphyroblasts up to 20 mm (total feldspar content 60%); bluish and gray quartz irregularly distributed as lenses and grains up to 5 mm (0-15%); very fine-grained, lenticular and undulose biotite aggregates partly altered to chlorite (20%); silvery white, very fine-grained undulose slip-plane aggregates of sericite intergrown with biotite (10%); epidote, thin fracture filling; traces of pyrite and magnetite

145-155 Biotite gneiss — dark-gray, very fine-grained, schistose

155-165 "

165-175 Biotite adamellite gneiss — dark-gray and greenish-white, coarse-grained, slightly schistose, porphyroblastic augen and coarse-grained saussuritized, light greenish-white and white, unaltered plagioclase and microcline as thin undulose bands and porphyroblasts up to 20 mm (total feldspar content 60%); bluish and gray quartz irregularly distributed as lenses and grains up to 5 mm (0-15%); very fine-grained, lenticular and undulose biotite aggregates partly altered to chlorite (20%); silvery white, very fine-grained undulose slip-plane aggregates of sericite intergrown with biotite (10%); epidote, thin fracture filling; traces of pyrite and magnetite

### GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
0-135'	No Samples
135-175'	Lovingston Formation
	Precambrian

Virginia Division of Mineral Resources  
Richard S. Good, Geologist  
December 19, 1967