

OWNER: Carl Barnes
COUNTY: Albemarle (Crozet)
DRILLER: C. R. Moore

VDMR # 753
WWCR # 848
TOTAL DEPTH : 231 feet

SAMPLE DESCRIPTION
(Washed Samples)

0-50 No sample (top of bedrock above this interval)

50-60 Granodiorite - cream plagioclase feldspar, white to smoky quartz, trace of biotite, medium grained

60-70 As above

70-80 As above

80-90 Granodiorite - cream plagioclase feldspar, white to smoky translucent to transparent quartz, trace of biotite, muscovite, and garnet, trace of yellow iron stain on few fragments

90-100 As above

100-110 Basalt - dark gray, dense, very fine grained, trace of calcite, fair amount of chlorite, light gray clay coating on many fragments

110-112 As above

112-113 Granodiorite - interbedded with basalt

113-120 Granodiorite - cream plagioclase feldspar, smoky to clear quartz, traces of biotite and muscovite, trace of yellow iron stain on some fragments

120-130 Granodiorite - plagioclase feldspar and quartz, increase in biotite content

130-140 As above

140-150 Granodiorite - cream to white plagioclase feldspar, smoky to transparent quartz, traces of biotite and muscovite

150-160 As above

160-170 As above

OWNER: Carl Barnes (continued)

#753

- 170-180 Granodiorite - plagioclase feldspar, quartz, and some fine grained, weathered, yellow to yellowish brown granodiorite fragments
- 180-190 As above
- 190-200 Granodiorite - plagioclase, feldspar with dark smoky quartz, traces of biotite, and weathered fragments
- 200-210 As above
- 210-215 As above
- 215-220 As above
- 220-231 Granodiorite - cream plagioclase feldspar, dark gray smoky quartz, traces of biotite, muscovite, and pyrite, some fragments have a yellow to yellowish-brown weathered appearance

GEOLOGIC SUMMARY

	<u>AGE</u>	<u>ROCK UNIT</u>
50-231	Precambrian	Lovingston formation

Virginia Division of Mineral Resources
Laurence H. Gardner II - Geologist
January 3, 1963