

OWNER: Halifax County Public Schools
DRILLER: Doss Well & Pump Company
COUNTY; Halifax (Halifax)

VDMR # 694
WWCR # 199
DEPTH: 168

SAMPLE EXAMINATION
(washed)

0-68 No samples (Bedrock in this interval)

68-70 Granite Gneiss - white and brown, hard, coarse grained, 40% milky quartz, 20% white feldspar, 35% biotite, heavy trace of iron staining.

70-75 No sample

75-80 Granite Gneiss - white and black, hard, fine grained, 60% milky quartz, 20% biotite, 10% white feldspar, 5% muscovite, trace of hornblende and iron staining.

80-85 as above

85-90 Quartz Biotite Gneiss - white and black, hard, fine grained, 50% milky quartz, 40% biotite, 5% white feldspar, trace of hornblende and iron staining.

90-100 Quartz Biotite Gneiss - white and black, hard, fine grained, 60% milky quartz, 20% biotite, 10% muscovite, 5% white feldspar, slight trace of hornblende and amethyst.

100-105 as above

105-115 No sample

115 Quartz Biotite Gneiss - white and black, hard, very fine grained, 60% milky quartz, 15% biotite, 10% muscovite, 10% white feldspar, slight trace of hornblende, amethyst and pyrite, trace of iron staining.

115-120 Quartz Biotite Gneiss - white and black, hard, fine grained, 60% milky quartz, 20% biotite, 5% muscovite, 5% white feldspar, trace of iron staining.

120-135 as above

135-145 as above

145-150 as above

150-160 as above

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160-168 Quartz Biotite Gneiss - white and black, hard, fine grained, 70% milky quartz, 20% biotite, 5% white feldspar, trace of pyrite and hornblende, heavy trace of iron staining.

GEOLOGIC SUMMARY

<u>Age</u>	<u>Formation or Unit</u>
Pre-Cambrian	"Mixed Gneisses"

Virginia Division of Mineral Resources
Merrick S. Whitfield, Geologist
August 20, 1962