

OWNER: Town of Boydton #3  
DRILLER: Martin Well Co.  
COUNTY: Mecklenburg (Boydton)

VDMR # 844  
WWCR # 51  
TOTAL DEPTH : 240

GEOLOGIC LOG

0-10 Overburden - red clay

10-20 Greenstone - weathered, grayish green, fine-grained.

20-30 Greenstone - grayish green, fine-grained, inclusions of epidosite (top of bedrock in this interval).

30-40 Greenstone - grayish green, fine-grained, traces of crystalline pyrite, (X-ray analysis: chlorite 25%, biotite 25%, quartz 20% & plagioclase 30%.)

40-50 Greenstone - grayish green, fine-grained.

50-60 Greenstone - grayish green, fine-grained, traces of crystalline pyrite.

60-70 As above

70-80 Greenstone - grayish green, fine-grained, inclusions of crystal vein-quartz & epidosite.

78 Greenstone - grayish green, fine-grained, jasper, quartz, inclusions of epidosite.

80-90 Greenstone - grayish green, fine-grained, some jasper and crystalline pyrite.

90-100 Greenstone - grayish green, fine-grained, inclusions of crystal & milky quartz.

100-110 Greenstone - grayish green, fine-grained, inclusions of epidosite.

110-120 Greenstone - grayish green, fine-grained, crystalline pyrite, inclusions of epidosite.

120-130 Greenstone - grayish green, fine-grained, crystalline pyrite, jasper & weathered greenstone fragments.

130-140 Greenstone - grayish green, fine-grained, inclusions of epidosite & milky quartz.

140-150 Greenstone - grayish green, fine-grained, inclusions of epidosite & quartz, weathered greenstone fragments.

OWNER: Town of Boydton #3 - (continued) #844

- 150-160 Greenstone - grayish green, fine-grained, inclusions of epidosite, crystal & milky quartz, (X-ray analysis: chlorite 20%, biotite 30%, quartz 20% & plagioclase 30%).
- 157-159 Greenstone - grayish green, fine-grained, calcite rhombs, inclusions of epidosite & quartz, weathered greenstone fragments.
- 160-170 Greenstone - grayish green, fine-grained, calcite, inclusions of epidosite & quartz, weathered greenstone fragments.
- 170-180 Greenstone - grayish green, fine-grained, calcite, crystalline pyrite, inclusions of epidosite & quartz.
- 180-190 As above
- 190-200 Greenstone - grayish green, fine-grained, pyrite, jasper, calcite, inclusions of epidosite & quartz.
- 200-210 As above
- 207 Greenstone - grayish green, fine-grained, veins of epidosite & quartz.
- 210-220 Greenstone - grayish green, fine-grained, jasper crustations, inclusions of epidosite & quartz.
- 220-230 Greenstone - grayish green, fine-grained, jasper, pyrite, weathered greenstone fragments, inclusions of epidosite & quartz.
- 230-240 Greenstone - grayish green, fine-grained, jasper, pyrite, calcite, weathered greenstone fragments, inclusions of epidosite & quartz.

GEOLOGIC SUMMARY

AGE

Precambrian

ROCK UNIT

Undifferentiated volcanics

Virginia Division of Mineral Resources  
Roger C. Wilkenloh - Geologist  
September 26, 1963