

OWNER: Andrew Champ
DRILLER: Leazer Pump & Well Co.
COUNTY: Fauquier (Casanova)

VDMR: 1550
WWCR: 127
TOTAL DEPTH: 80'

GEOLOGIC LOG

Depth in Feet

SAPROLITE (0-10)

0-10 Saprolite - light brown; weathered sandstone.

NEWARK FORMATION (10-80)

10-20 Sandstone - red-brown, fine-grained; hematitic, micaceous, and feldspathic;
80% quartz (0.1 mm), 10% feldspar (microcline, plagioclase, perthite)
8% sericite; 2% chlorite, clay and accessories.

20-30 "

30-40 "

40-50 Sandstone - grayish-red, fine-grained.

50-60 Sandstone - red-brown, fine grained; hematitic, micaceous, and feldspathic;
80% quartz (0.1 mm), 10% feldspar (microcline, plagioclase, perthite)
8% sericite; 2% chlorite, clay and accessories.

60-70 Sandstone - dark-red, with a small amount of red shale chips in gray-red,
fine-grained sandstone.

70-80 Sandstone - red-brown, fine grained; hematitic, micaceous, and feldspathic;
80% quartz (0.1 mm), 10% feldspar (microcline, plagioclase, perthite)
8% sericite; 2% chlorite, clay and accessories.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10	Saprolite	Triassic
10-80	Newark Formation	Triassic

Virginia Division of Mineral Resources
Richard S. Good
March 24, 1967