

OWNER: Murray's Orchard
DRILLER: Nelson-Roanoke Corporation
COUNTY: Bedford (Villamont)

VDMR: 1882
WWCR: 164
TOTAL DEPTH: 305'

GEOLOGIC LOG

Depth in feet

OVERBURDEN (0-50)

0-10	Soil - light brown, with clay, limonite, scant quartz grains.
10-20	"
20-30	" yellowish-orange.
30-40	" "
40-50	" pale yellowish-orange with some fine-grained, white quartzite and buff- to-white shale.

ELBROOK DOLOMITE (50-190)

50-60	Dolomite - light olive-gray with pale yellowish-orange, weathered surfaces partly weathered to clays; a little (less than 5%) fine-grained quartzitic sandstone.
60-70	"
70-80	"
80-90	" with pale-yellow weathered surfaces.
90-100	"
100-110	" with thin (2 MM), fine-grained quartzitic-sandstone lenses and traces of goethite and pyrite.
110-120	"
120-130	"
130-140	"
140-150	"
150-160	"
160-170	"
170-180	"
180-190	"

OWNER: Murray's Orchard

#1882

190-305 No samples (lost in cave openings).

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50	Overburden	
50-190	Elbrook Dolomite	Early Cambrian
190-305	No Samples (lost in cave openings)	

Virginia Division of Mineral Resources
Richard S. Good, Geologist
July 26, 1967

GILBERT BOND
REPRODUCTION
IN U.S.A.