#### INTERVAL SHEET

Page 1 of 1

Date rec'd: 5/31/67

PROP: Murray's Orchard

COMP: Nelson-Roanoke Corporation

COUNTY: Bedford (Villamont)

VDMR Well No: 1882

Sample Interval: from 0 to 190

Number of samples: 19

Total Depth: 305

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10 10 - 20 20 - 30* 30 - 40* 40 - 50*	- - - -		-
50 - 60 60 - 70 70 - 80* 80 - 90 90 - 100	- - - -	- - -	-
100 - 110 110 - 120* 120 - 130 130 - 140 140 - 150	- - - -		- - - -
150 - 160 160 - 170* 170 - 180* 180 - 190 No samples	- - - -	- - - - -	- - - -
- - -	- - - -	- - - -	- - - -
- - - -	- - - -	- - - - -	- - - -

<sup>\*</sup> Unwashed samples only

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)

Age of the second secon				22.5	
0-10	Soil -	light brown.	with clay.	limonite.	scant quartz grains.

10-20

20-30 "yellowish-orange.

30-40

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

Rock Unit Age

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