

OWNER: State Lake Orange
DRILLER: C. R. Moore
COUNTY: Orange (Orange)

VDMR: 1682
WWCR: 60
TOTAL DEPTH: 195'

GEOLOGIC LOG

Depth in feet

0-50	No samples
50	Phyllite - gray-green to silvery-gray, schistose, satiny luster. Individual grains not megascopically visible; X-ray analysis delineates muscovite, chlorite, plagioclase and quartz. All samples show some minor lenticles (0.5-2 mm) of white calcite and/or quartz parallel to the foliation, but occasionally cutting it. Some of these lenticles contain 0.5 mm bands of finely-crystallized pyrite cubes. Pyrite is present in trace amounts throughout in all samples
60	" one fragment of brown granular calcite (marble), with trace amounts of 0.5 mm limonite cubes pseudomorphic after pyrite
70	"
80	"
90	"
100	"
110	" with one 4 mm-cube of pyrite
120	"
130	"
140	"
150	"
160	"
170	"
180	"
190	"

OWNER: State Lake Orange

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VDMR: 1682

190-195 No sample

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-50	No Samples	
50-190	Evington Group	Ordovician
190-195	No Samples	

Virginia Division of Mineral Resources
Richard S. Good
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