

Owner: Ernest Frye
Driller: B. N. Peters
County: Henry (Ridgeway)

VDMR # 656
WWCR # 141
Depth: 300 feet

SAMPLE EXAMINATION

0 - 40	No samples
40 - 50	Biotite Gneiss - weathered, biotite 55%, quartz 30%, hornblende 10%, magnetite 1/2%, olivene trace
50 - 60	Biotite Gneiss - weathered, biotite 45%, quartz 40%, hornblende 10%, magnetite 1/2%, olivene trace
60 - 70	Biotite Gneiss - biotite 55%, quartz 30%, hornblende 10%, magnetite 1/2%
70 - 80	As above
80 - 90	As above
90 - 100	As above
100 - 110	As above
110 - 120	Biotite Gneiss - biotite 50%, quartz 40%, hornblende 5%, trace of magnetite, pyrite and olivene
120 - 130	Biotite Gneiss - biotite 55%, quartz 30%, hornblende 5%, magnetite trace
130 - 140	As above with 10% hornblende
140 - 150	Biotite Gneiss - biotite 45%, quartz 40%, hornblende 10%, magnetite trace
150 - 160	As above
160 - 170	Biotite Gneiss - biotite 95%, quartz 1%, hornblende 1%, magnetite trace
170 - 180	Biotite Gneiss - biotite 55%, quartz 40%, magnetite 1/2%, hornblende and feldspar trace

- 180 - 190 Quartz Biotite Gneiss - quartz 65%, biotite 30%, hornblende 1%, magnetite, pyrite, olivene and chlorite trace
- 190 - 200 Quartz Biotite Gneiss - quartz 65%, biotite 30%, hornblende 1%, magnetite and olivene trace
- 200 - 210 Quartz Biotite Gneiss - quartz 80%, biotite 15%, hornblende 1%, magnetite and pyrite trace
- 210 - 220 Quartz Biotite Gneiss - as above
- 220 - 230 Biotite Gneiss - biotite 80%, quartz 15%, magnetite 1%
- 230 - 240 Quartz Biotite Gneiss - quartz 75%, biotite 20%, magnetite trace
- 240 - 250 Biotite Gneiss - biotite 55%, quartz 40%, magnetite, chlorite and pyrite trace
- 250 - 260 Quartz Biotite Gneiss - quartz 55%, biotite 40%, magnetite 1/2%, chlorite trace
- 260 - 270 As above
- 270 - 280 As above
- 280 - 290 Biotite Gneiss - biotite 55%, quartz 40%, magnetite and chlorite trace
- 290 - 300 As above

GEOLOGIC SUMMARY

Lynchburg Fm.
(Moneta Biotite Gneiss)

Pre-Cambrian ?

VIRGINIA DIVISION OF MINERAL RESOURCES
Merrick S. Whitfield, Geologist
May 16, 1962