

OWNER: Pittsylvania County School Board
DRILLER: Falwell Well Co.
COUNTY: Pittsylvania (Blairs)

VDMR # 707
WWCR # 196
TOTAL DEPTH = 200

SAMPLE DESCRIPTION
(Washed)

0-10 Overburden - weathered tan-colored quartz fragments and mica flakes

10-20 As above

20-30 As above

30-40 Overburden - weathered tan to yellow quartz and feldspar fragments, mica flakes

40-50 As above

50-60 As above

60-70 Quartz biotite gneiss - hard, gray, traces of pyrite
(Top of bedrock in this interval)

70-80 Granite - white, interbedded with silvery phyllite

80-90 As above

90-100 Granite - white, hard, with silvery phyllite and traces of pyrite

100-110 As above (x-ray analysis: muscovite 10% plagioclase 60%, quartz 30%)

110-120 As above

120-130 As above

130-140 As above

140-150 Granite - white, hard, with silvery phyllite, biotite, and traces of pyrite

150-160 Granite - interbedded with hornblende gneiss and phyllite

160-170 As above

170-180 Granite - white, hard, with traces of phyllite, hornblende, and pyrite

180-190 Granite - white, hard, with traces of silvery phyllite

190-200 As above (x-ray analysis: muscovite 10%, Plagioclase 30% quartz 60%)

OWNER: Pittsylvania County School Board (continued)

#707

GEOLOGIC SUMMARY

AGE

FORMATION OR UNIT

Pre-cambrian

Shelton Formation

Virginia Division of Mineral Resources
Laurence H. Gardner II - Geologist
September 26, 1962