



OWNER: F. N. Hagmann  
DRILLER: J. N. Bowlen  
COUNTY: Fairfax (Elkins)

VDMR #1115  
WWCR # 673  
TOTAL DEPTH: 265

GEOLOGIC LOG

0-10	Top soil - rusty red, micaceous silt with white quartz and goethite-limonite fragments.
10-20	Saprolite - yellowish brown, schistose, biotite, muscovite, phlogopite, quartz, garnet, and amphibole.
20-30	Micaceous Schist - yellowish brown, fine grained, biotite, muscovite, phlogopite, quartz, and amphibole.
30-40	As above.
40-50	As above.
50-60	As above.
60-70	Black sand and micaceous schist - biotite, muscovite, quartz, amphibole and garnet. This is a possible weathered zone or residual deposit.
70-80	As above.
80-90	As above.
90-102	As above.
102-110	As above - larger particles.
110-120	As above - smaller particles.
120-130	As above.
130-140	As above.
140-150	No sample.
150-160	Micaceous Schist - yellowish brown, biotite, muscovite, phlogopite, quartz, amphibole and apatite.
160-170	No sample.

OWNER: F. N. Hagmann (Continued)

#1115

170-180 Micaceous Schist - yellowish brown, biotite, muscovite, phlogopite, quartz, amphibole, and apatite.

180-190 As above - with garnet.

190-200 As above.

200-210 Black sand and micaceous sand - possibly a residual deposit containing amphibole, biotite, muscovite, and quartz.

210-220 As above.

220-230 No sample.

230-240 No sample.

240-250 Micaceous Schist - yellowish brown, biotite, muscovite, phlogopite, quartz, amphibole, and chlorite.

250-260 No sample.

260-270 As above - with a higher percentage of quartz and muscovite.

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Wissahickon Schist

Precambrian (?)

Virginia Division of Mineral Resources  
Garnett Gatlin, Geologist  
August 25, 1964