

OWNER: Standard Garments Well #1
DRILLER: Bainbridge and Dance
COUNTY: Henry (Axton)

VDMR # 760
WWCR # 143
TOTAL DEPTH : 350

SAMPLE DESCRIPTION
(Washed Samples)

0-60 No sample

60-70 Mica schist saprolite - light green, white, gray to black, moderately hard, fine grained, trace of iron staining; 40% muscovite, 35% biotite, 10% quartz, 10% garnet, 2% amphibole

70-100 No sample (top of bedrock in this interval)

100-110 Mica schist - light gray, hard, fine grained, garnetiferous; 35% muscovite, 35% biotite, 20% quartz, 5% feldspar, 1% amphibole

110-150 No sample

150-160 Mica schist - light gray, hard, fine grained, slightly calcareous; 40% muscovite, 30% biotite, 20% quartz, 5% feldspar, 1% amphibole

160-200 No sample

200-210 Mica schist - light gray, hard, fine grained, garnetiferous, slightly calcareous; 40% biotite, 20% muscovite, 20% quartz, 15% feldspar

210-220 No sample

220-223 Mica schist - light gray, hard, fine grained, slightly calcareous; 55% muscovite, 15% quartz, 15% feldspar, 13% biotite

223-234 No sample

234-238 Mica schist - light gray, hard, fine grained, slightly calcareous; 40% muscovite, 30% biotite, 15% quartz, 10% feldspar, 3% garnet

238-247 No sample

247-250 Mica schist - light gray, hard, fine grained, moderately calcareous; 50% muscovite, 15% quartz, 15% feldspar, 10% biotite, 5% calcite, 2% garnet

250-267 No sample

267-269 Mica schist - light gray, hard, fine grained, moderately calcareous; 50% muscovite, 15% quartz, 15% feldspar, 10% biotite, 5% calcite, 3% garnet

269-290 No sample

- 290-292 Mica schist - light gray, hard, fine grained, slightly calcareous, trace of iron oxide; 30% muscovite, 25% biotite, 15% quartz, 15% feldspar, 10% garnet
- 292-308 No sample
- 308-310 Mica schist - light gray, hard, fine grained, moderately calcareous; 50% muscovite, 20% quartz, 15% feldspar, 10% biotite, 3% garnet
- 310-335 No sample
- 335-338 Mica schist - light gray, hard, fine grained, moderately calcareous; 50% muscovite, 20% quartz, 15% feldspar, 10% biotite, 3% garnet
- 338-348 No sample
- 348-350 Mica schist - light gray, hard, fine grained, moderately calcareous; 50% muscovite, 25% quartz, 10% feldspar, 10% biotite, 3% garnet

GEOLOGIC SUMMARY

AGE

Precambrian

ROCK UNIT

Wissahickon schist

Virginia Division of Mineral Resources
Merrick S. Whitfield - Geologist
January 2, 1963