

OWNER: Easthampton Rubber Thread Company - Well #5
DRILLER: Southern Drilling Company
COUNTY: Patrick (Stuart)

VDMR #1329

WWCR #81

TOTAL DEPTH: 350'

GEOLOGIC LOG

- 0-32 Overburden — water-worn and angular, sand and pebble size fragments of quartz, garnet, staurolite, feldspar and gneiss; muscovite, biotite, quartz, feldspar; minor magnetite, apatite, chlorite and hornblende.
- 32-93 Gneiss — medium-gray, slight weathering stain; grain size 0.5 to 3.0 mm, quartz, alkali feldspar, biotite, muscovite, hornblende; minor epidote, zircon, calcite.
- 115 Gneiss — medium-light-gray, 0.1 to 1.0 mm, muscovite, biotite, quartz, plagioclase, alkali feldspar; minor apatite, hornblende, chlorite, magnetite; trace zircon, garnet, calcite, zeolites.
- 126 As above — more biotite, no zeolites observed.
- 155 As above — less muscovite, minor iron oxide stain.
- 185 As above.
- 205 As above.
- 234 As above.
- 270 As above.
- 312 As above.
- 350 Calcareous Gneiss — medium-light-gray, grain size 0.25 to 2.0 mm; muscovite, biotite, quartz, alkali and plagioclase feldspar; minor chlorite, calcite, garnet, hornblende, epidote.

GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Biotite Gneiss

Questionable

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
July 19, 1965