

OWNER: U. S. Army Corps of Engineers
Reservoir Mgr. 's Office Well #2
DRILLER: Hickory Well Supply Co., Inc.
COUNTY: Henry (Bassett)

VDMR #1289
WWCR #154
TOTAL DEPTH: 180'

GEOLOGIC LOG

- 0-10 Saprolitic-Mica Schist — gray, light-brown, red-brown; coarse- to medium-grained; mica, quartz, clay, iron oxides, minor pyrrhotite, and amphibole.
- 10-20 Mica Schist (Weathered) — gray to light-brown; coarse-grained; muscovite, quartz, chlorite, minor amphibole and tourmaline, iron oxides, clay, smoky vein quartz.
- 20-30 As above — more clay and iron stain.
- 30-45 As above.
- 45-55 Mica Schist — silver-gray; medium- to coarse-grained, foliated; muscovite, biotite, quartz, chlorite, pyrrhotite, and pyrite; minor calcite and iron oxide stain.
- 55-65 As above.
- 65-75 As above — no iron stain.
- 75-85 As above — very minor iron stain.
- 85-95 As above.
- 95-105 As above.
- 105-115 As above.
- 115-125 Mica Schist — medium-dark-gray, shiny; foliated, medium- to coarse-grained; muscovite, biotite, quartz, chlorite, pyrrhotite, and pyrite; blue-black areas due to dusty ilmenite in chlorite.
- 125-135 As above — less blue-black chlorite.
- 135-145 As above.
- 145-155 As above — very minor vein calcite.
- 155-165 As above — slightly more vein calcite.
- 165-175 As above — less vein calcite.
- 175-180 Mica Schist — medium-gray, medium- to coarse-grained, foliated; muscovite, biotite, quartz, chlorite, pyrite, and minor garnet.

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GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Mica Schist

Precambrian ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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