

OWNER: U. S. Army Corps of Engineers
North Bend Well #2
DRILLER: Hickory Well Supply Co., Inc.
COUNTY: Mecklenburg (Phillis)

VDMR #1294
WWCR #54
TOTAL DEPTH: 150'

GEOLOGIC LOG

- 0-10 Weathered Granite — light-brown, very-coarse-grained; feldspar, quartz, muscovite; minor biotite, magnetite, and clay.
- 10-20 Weathered Quartz Monzonite — very-light-brown and white; 1 mm to 18 mm grain size; oligoclase, quartz, microcline, muscovite, biotite, sericite, clays; trace magnetite, epidote, goethite.
- 20-25 As above.
- 25-35 As above.
- 35-45 As above — more biotite, slight lineation.
- 45-55 Granite — pale-pink, very-coarse-grained; microcline, albite-oligoclase, quartz, muscovite, biotite, trace magnetite.
- 55-65 As above.
- 65-75 As above.
- 75-85 Granite — pink and white, very-coarse-grained; microcline, plagioclase, quartz, muscovite, biotite; minor pyrite; trace magnetite, epidote, and iron stain.
- 85-95 As above — more biotite and epidote; no pyrite.
- 95-105 Quartz Monzonite — light-gray and pale-pink; very-coarse-grained; oligoclase, quartz, microcline, biotite, chlorite; trace epidote and magnetite.
- 105-115 Granite — pale-grayish-pink, very-coarse-grained; microcline, oligoclase, quartz, muscovite, biotite; minor magnetite; trace pyrite and epidote.
- 115-125 As above.
- 125-135 As above.
- 135-145 As above — less pink.
- 145-150 As above — minor iron stain.

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GEOLOGIC SUMMARY

ROCK UNIT

TIME ROCK UNIT

Redoak Granite

Precambrian ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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