

OWNER: U.S. Engineer District (Winbush Well)
DRILLER: Hickory Well Supply Co., Inc.
COUNTY: Mecklenburg (John Kerr Dam)

VDMR # 828
WWCR # 49
TOTAL DEPTH : 200 feet

GEOLOGIC LOG

0-10	Overburden - weathered quartz and feldspar fragments, traces of muscovite, pyrite, and magnetite
10-20	As above
20-30	Granite - orthoclase and plagioclase feldspars, quartz, some biotite, trace of muscovite
30-40	As above
40-50	Granite gneiss - orthoclase and plagioclase feldspars, quartz, biotite, and traces of muscovite and pyrite
50-60	As above
60-70	As above
70-80	As above
80-90	As above
90-100	As above
100-110	Granite - quartz, plagioclase feldspar, traces of pyrite and muscovite, increase in orthoclase feldspar and decrease in biotite content
110-120	Granite - orthoclase and plagioclase feldspars, quartz, biotite, traces of pyrite and muscovite
120-130	As above
130-140	As above
140-150	Granite - orthoclase and plagioclase feldspars, quartz, some biotite, traces of pyrite, muscovite and epidote
150-160	As above
160-170	Granite - orthoclase and plagioclase feldspars, quartz, increase in biotite content
170-180	Granite - orthoclase and plagioclase feldspars, quartz, and biotite

OWNER: U.S. Engineer District (Winbush Well) (continued)

#828

180-190 As above

190-200 As above

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Redoak granite

Virginia Division of Mineral Resources
Laurence H. Gardner II - Geologist
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