

OWNER: U.S. Army Engineer District (Eastland Creek Well) VDMR # 829
DRILLER: Hickory Well Supply Co., Inc. WWCR # 50
COUNTY: Mecklenburg, Va. TOTAL DEPTH : 200 feet

GEOLOGIC LOG

0-10	Overburden - weathered quartz and feldspar fragments, trace of mica
10-20	Overburden - weathered quartz and feldspar fragments
20-30	Granodiorite - feldspar, quartz, trace of biotite and dendritic manganese (top of bedrock in this interval)
30-40	As above
40-50	As above
50-60	As above
60-70	Granodiorite - feldspar, quartz, trace of biotite and zircon (petrographic analysis)
70-80	As above
80-90	As above
90-100	As above
100-110	Granodiorite - feldspar, quartz, some biotite, chlorite, and schistose material
110-120	As above
120-130	Granodiorite - feldspar, quartz, traces of biotite and chlorite
130-140	As above
140-150	Granodiorite - plagioclase feldspar, quartz, and trace of biotite
150-160	Granodiorite - (X-ray analysis: plagioclase feldspar 55%, quartz 40%, biotite 5%)
160-170	As above
170-180	As above
180-190	As above
190-200	As above

OWNER: U.S. Army Engineer District (Eastland Creek Well) (continued) #829

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Redoak granite

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