

OWNER: U.S. Engineer District (Island Creek Well)
DRILLER: Hickory Well Supply Co., Inc.
COUNTY: Mecklenburg (Clarksville)

VDMR # 827
WWCR # 36
TOTAL DEPTH : 250 feet

GEOLOGIC LOG

0-10	Overburden - weathered schist consisting of sericite, muscovite, quartz hematite, and trace of magnetite
10-20	As above
20-30	As above
30-40	As above
40-50	As above
50-60	Chlorite schist - considerable chlorite, quartz, feldspar, and sericite with some hematite, muscovite, and pyrite. (top of bedrock in this interval)
60-70	Chlorite schist - considerable chlorite plagioclase feldspar and quartz, with some muscovite, calcite, pyrite, hematite, and sericite (petrographic and X-ray analysis)
70-80	As above
80-90	As above
90-100	As above
100-110	As above
110-120	As above
120-130	Chlorite schist - considerable chlorite, quartz, pyrite, hematite, feldspar, and sericitic schist fragments, with traces of calcite and fluorite
130-140	As above
140-150	As above
150-160	As above
160-170	As above
170-180	As above
180-190	Schist - chloritic and sericitic, with quartz, feldspar, pyrite, hematite, fluorite, and calcite
190-200	As above
200-210	As above
210-220	As above
220-230	As above

230-240 As above

240-250 Schist - chloritic and sericitic, some quartz, feldspar, pyrite,
hematite, fluorite, and traces of calcite

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Interbedded chloritic
and sericitic schists

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