



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

VDMR # 826  
WWCR # 37  
TOTAL DEPTH : 250 feet

GEOLOGIC LOG

0-10	Overburden - weathered quartz fragments, red clay and silt
10-20	Overburden - weathered quartz fragments, tan clay and silt
20-30	Siltstone - white, clean, fairly soft, non-calcareous cement (top of bedrock in this interval)
30-40	Quartzite - dark gray, hard, trace of white siltstone
40-50	Quartzite - dark to light gray, hard, dense, trace of biotite and pyrite
50-60	As above
60-70	As above
70-80	As above
80-90	As above
90-100	As above
100-110	Quartzite - dark gray, hard, traces of biotite and pyrite
110-120	As above
120-130	As above
130-140	As above
140-150	As above
150-160	As above
160-170	As above
170-180	As above
180-190	Quartzite - dark gray, hard, traces of biotite, chlorite, and pyrite
190-200	As above
200-210	As above
210-220	As above
220-230	Schist - chlorite, biotite, some quartz, traces of calcite

230-240 As above

240-250 As above

GEOLOGIC SUMMARY

AGE

ROCK UNIT

Precambrian

Metamorphosed sedimentary rocks

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