

OWNER: I. E. Cahill
DRILLER: Moore & Thomas
COUNTY: Henry (Fieldale)

VDMR #1007
WWCR #148
TOTAL DEPTH: 204'

GEOLOGIC LOG

0-10	Overburden - reddish-brown clay with subrounded to angular, milky to clear quartz fragments and white mica flakes.
10-20	Weathered amphibolite - milky quartz, actinolite, biotite and minor feldspar.
20-30	As above - but saprolitic.
30-40	As above
40-50	Amphibolite - slight weathering (top of bedrock in this interval).
50-60	Amphibolite - milky quartz, actinolite, biotite, and minor feldspar.
60-70	As above with minor magnetite.
70-80	As above
80-90	As above
90-100	As above
100-110	As above
110-120	As above
130-140	As above, with variation in relative amounts of milky quartz, actinolite, mica, feldspar, magnetite, and pyrite.
140-150	As above
150-160	As above
160-170	As above
170-180	As above
180-190	As above

190-200 As above with iron-stained slickensides.
200-204 No sample

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Undifferentiated metasediments Cambrian (?)

The rocks penetrated by this well are metasedimentary and amphibolite facies of the unit previously mapped as the Wis-sahickon formation.

Virginia Division of Mineral Resources
F. Fitzgerald, Geologist
July 8, 1964