

OWNER: William H. Peer #1
DRILLER: Marvin O. Seek
COUNTY: Fairfax (McLean)

VDMR #990
WWCR #639
TOTAL DEPTH: 170'

GEOLOGIC LOG

0-10	Overburden — orange-brown clay, fragments of weathered muscovite-biotite schist and vein quartz.
10-20	As above.
20-30	As above.
30-40	As above — clay is reddish and schist contains more biotite.
40-50	As above.
50-60	Saprolitic Mica Schist — medium-light-pinkish-brown, medium-grained; clay, muscovite, quartz, biotite, minor magnetite and iron oxides.
60-70	As above.
70-80	As above.
80-90	No sample.
90-100	Saprolitic Mica Schist — light-brown, medium-fine-grained; muscovite, clay, quartz, biotite, iron oxides, vein quartz, magnetite.
100-110	As above — pinkish; minor chlorite.
110-120	Weathered Schist — light-greenish-brown, foliated, medium-fine-grained; muscovite, quartz, biotite, chlorite, minor epidote, apatite, magnetite, iron oxides and clay.
120-130	As above.
130-140	As above.
140-150	As above — less weathered, greener.
150-160	As above.
160-170	No sample.

GEOLOGIC SUMMARY

These samples are of mica schist of uncertain age.

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
February 4, 1966