

OWNER: Vesta B. Short
DRILLER: Marvin O. Seek
COUNTY: Fairfax

VDMR Well No: 974
WWCR Well No: 632
TOTAL DEPTH : 100

GEOLOGIC LOG

Residual Clay (0-10')

0-10 Residual Clay - medium-orange-brown, micaceous with minor quartz.

Actinolite Schist (10-100')

10-20 Saprolitic Tremolite Schist - light-green-brown, medium-coarse-grained; clay, sericite, tremolite, epidote and albite; minor iron oxide stain.

20-30 As above

30-40 As above - with minor biotite.

40-50 Tremolite Chlorite Schist - very-pale-green-gray to medium-green-gray; fine-to coarse-grained; chlorite, tremolite (asbestos fibers to 18 mm long) talc and magnetite.

50-60 As above - no long asbestos fibers; minor iron-oxide stain.

60-70 Tremolite-Actinolite Schist - pale-green, coarse-grained, matted texture; actinolite, tremolite; minor chlorite, talc, sericite, feldspar, magnetite; trace iron oxide stain.

70-80 As above - with epidote.

80-90 As above

90-100 Actinolite Epidote Schist - pale-gray-green, medium-to coarse-grained; actinolite, epidote (clinozoisite), chlorite, feldspar; minor sphene, magnetite and pyrite, trace iron-oxide stain.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-10	Residual Clay	Recent
10-100	Actinolite Schist	Precambrian ?

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
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