



OWNER: Brookfield Home, Inc.  
DRILLER: Sydnor Hydrodynamics, Inc.  
COUNTY: Henrico (Richmond)

VDMR: 1846  
WWCR: 192  
TOTAL DEPTH: 204'

GEOLOGIC LOG

Depth in feet

0-10	Sand - tan, iron-oxide stained, medium- to fine-grained, fairly well-sorted, angular to subangular grains; quartz, with traces of feldspar and garnet
10-20	Saprolite - tan, weathered and slightly iron-oxide stained, fragments of medium- to fine-grained granite; feldspar and quartz, with traces of muscovite, biotite and garnet
20-30	Biotite-muscovite granite - dark-gray, medium- to fine-grained, very micaceous; feldspar, biotite, quartz and muscovite, with trace of garnet
30-40	"
40-50	" gray; less biotite
50-60	" "
60-70	" "
70-80	" "
80-90	Granite - very light-gray, medium- to coarse-grained, non-linedated; feldspar and quartz with traces of biotite and muscovite
90-100	Biotite-granite - dark-gray, medium-grained, micaceous, foliation of micas, holocrystalline; feldspar, biotite, quartz, muscovite and trace of garnet
100-110	" evenly-disseminated, foliated biotite
110-120	" "
120-130	" light-gray; less biotite
130-140	" "
140-150	" "
150-160	" "

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160-170	Schistose-gneiss - dark-gray, coarse-grained, micaceous, foliated; biotite, muscovite, quartz, feldspar, and trace of garnet; some muscovite flakes up to 2 cm in diameter
170-180	" medium to fine-grained; no large muscovite flakes
180-190	" "
190-204	" "

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-10 <sup>f</sup>	Reworked saprolite	Recent
10-20	Saprolite	?
20-204 <sup>f</sup>	Petersburg Formation	Paleozoic (?)

Virginia Division of Mineral Resources  
Robert G. Willson, Geologist  
December 29, 1967

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*Yell. Tav. quad elev. ~ 130 topo*

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