



OWNER: Hermitage Country Club  
DRILLER: Sydnor Pump & Well Co., Inc.  
COUNTY: Henrico (Richmond)

VDMR #1302  
WWCR #177  
TOTAL DEPTH: 300'

GEOLOGIC LOG

0-20 No sample.

Petersburg Granite (20-300')

20-70 Granodiorite — gray, black, and white, coarse-grained, feldspar crystals to 15 mm; oligoclase, microcline, quartz, biotite, muscovite, minor garnet, and epidote.

70-82 Granite — pink, gray, black, and white, coarse-grained; microcline, quartz, biotite, muscovite, oligoclase.

82-135 As above — not as pink.

135-142 As above.

142-157 Granite — light-gray to dark-gray, coarse-grained; light-gray quartz, feldspar, biotite; dark-gray: foliated, biotite, minor feldspar and quartz.

157-217 As above — foliated material not as dark and contains epidote, may be a fractured zone; minor extremely coarse-grained pale-blue-gray and pink granite, feldspar (20 mm by 10 mm) with quartz and muscovite.

217-230 As above — more pink, largest grain size (10 mm).

230-247 Granite — medium-gray, coarse-grained, slight lineation; biotite, quartz, feldspar, muscovite, minor epidote; small portion contains pink feldspar.

247-262 As above.

257-272 Granite — light-pink, coarse-grained; potash feldspar, quartz; minor plagioclase, biotite; trace epidote, pyrite, and muscovite.

272-300 As above — less pink; more biotite and plagioclase.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-20 No sample	
20-300 Petersburg Granite	Precambrian ?

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
June 8, 1965