



OWNER: Kingsbridge Corporation (Well #3)  
DRILLER: Sydnor Pump & Well Company, Inc.  
COUNTY: Henrico (Richmond)

VDMR #1102  
WWCR #171  
TOTAL DEPTH 177

GEOLOGIC LOG

Overburden (0-20')

- 0-10 Overburden — cream-to light-tan, coarse-to fine-grained, quartz, sericite, clay, feldspar, muscovite.
- 10-20 As above — slightly darker, fragments of granite.

Petersburg Granite (20-170')

- 20-30 Weathered Granite — light-tan, coarse-grained; quartz, pink potash feldspar, plagioclase muscovite, biotite, minor epidote; clay.
- 30-40 As above.
- 40-50 As above.
- 50-60 Granite — pink, coarse-grained; potash feldspar, plagioclase, quartz, red clay, muscovite, chlorite; trace of zircon.
- 60-70 Granite — pink, coarse-grained, potash feldspar, plagioclase, quartz, chlorite, muscovite, epidote, trace of magnetite.
- 70-80 As above.
- 80-90 As above.
- 90-100 As above.
- 100-110 Granite — salmon-pink, gray, white; very coarse-grained; potash feldspar, quartz, plagioclase, chlorite, muscovite, epidote, minor magnetite.
- 110-120 As above — minor garnet.
- 120-130 As above.
- 130-140 As above.

OWNER: Kingsbridge Corporation (Well #3)

#1102

140-150 Granite — salmon-pink, gray white; very-coarse-grained; potash feldspar, quartz, plagioclase, chlorite, muscovite, epidote, minor magnetite, red clay; (chlorite is pseudomorphic after biotite).

150-160 As above.

160-170 As above — minor pyrite.

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0- 20 Overburden	Quaternary
20-170 Petersburg Granite	Uncertain ?
170-177 No sample	

Virginia Division of Mineral Resources  
Hollis N. Walker, Geologist  
December 29, 1964