

OWNER: Reynolds Metal Incorporated, Well #2
DRILLER: Layne Atlantic Company
COUNTY: Chesterfield (Bellwood)

VDMR #1542
WWCR #156
TOTAL DEPTH: 80'

GEOLOGIC LOG

Reworked Petersburg Granite (0-80')

- 0-10 Sand — brown, trace of clay; fine- to coarse-grained, rather poorly sorted, subangular to subrounded; scattered grains brown epidote and decomposed feldspar
- 10-20 Sand — brown; very-coarse-grained, fairly well sorted, poorly rounded; quartz, feldspar, and quartzo-feldspathic rock fragments; trace of brown epidote
- 20-30 Sand and gravel — gray, subequal amounts poorly sorted and poorly rounded sand, and very-fine-grained (2-4 mm), slightly rounded gravel; matrix of gray clay; quartz and potash feldspar
- 30-40 Clay — gray; moderate amounts of poorly sorted and poorly rounded sand, and very-fine-grained, slightly rounded gravel
- 40-50 Sand and gravel — light-gray; poorly sorted, poorly rounded coarse-sand and very-fine-gravel; matrix of gray and white clay; traces of pyrite and garnet
- 50-60 Sand and gravel — gray, clean; 60% sand: coarse- to very-coarse-grained, moderately sorted, poorly rounded; 40% gravel: broken rounds and subrounded pebbles up to 10 mm; very arkosic (gray potash feldspar); scattered grains of garnet and kyanite; crystalline rock fragments common
- 60-70 "
- 70-80 some muscovite and biotite

GEOLOGIC SUMMARY

<u>ROCK UNIT</u>	<u>AGE</u>
Reworked Petersburg granite	—

Virginia Division of Mineral Resources
Robert H. Teifke, Geologist
April 26, 1966