

OWNER: Raymond W. Koch
DRILLER: Matthews Well Drilling Company
COUNTY: Chesterfield (Richmond)

VDMR: 1879
WWCR: 170
TOTAL DEPTH: 300

GEOLOGIC LOG

Depth in feet

0-40	No samples
40-92	Biotite-microcline granite - weathered, friable, pink and white, coarse-grained; Feldspar up to 1 cm. (70%), quartz (25%), biotite 4%, muscovite 1%.
92-163	No samples
163-190	Biotite-microcline granite with biotitic segregations - pink and white; coarse feldspar up to 1 cm (65%), quartz (20%), biotite (15%). The biotitic segregations contain biotite and feldspar with up to 50% biotite.
190-198	Biotitic segregations and biotite-microcline granite - medium-grained biotite plagioclase (1:1) segregations with traces of black amphibole and garnet (Meta-amphibolite). The granite is pink, coarse-grained, and contains 10% feldspar, 25% quartz, 4% biotite, 1% muscovite.
198-223	Biotite-microcline granite - pink and white, coarse-grained; feldspar up to 1 cm (70%), quartz (25%), biotite (5%).
223-275	"
275-285	Biotite-microcline granite with biotitic segregations - pulverized sample; about 20% biotite.
285-300	Biotite-microcline granite - weathered, friable, pink and white, coarse-grained; feldspar up to 1 cm. (70%), quartz (25%), biotite 4%, muscovite 1%.

GEOLOGIC SUMMARY

	<u>Rock Unit</u>	<u>Age</u>
0-40	No samples	
40-92	Petersburg granite	Late Paleozoic
92-163	No samples	
163-190	Petersburg granite	Late Paleozoic
190-198	Petersburg granite with Meta-amphibolite	"
198-300	Petersburg granite	"

Virginia Division of Mineral Resources
Richard S. Good, Geologist
May 25, 1967