

OWNER: Department of State Police
DRILLER: C. R. Moore
COUNTY: Greensville (Emporia)

VDMR #1425
WWCR #38
TOTAL DEPTH: 104'

GEOLOGIC LOG

0-50	No sample.
50	Sheared Granite — pale-green, grain size 2 mm to .05 mm; slight lineation; microcline, quartz, sericite, minor chlorite and magnetite; numerous fractures coated with dark green chlorite with occasional slickensides; minor rock flour.
60	As above.
70	As above — slightly pink.
80	As above.
90	Sheared Granite — pale-pink and pale green, medium- to very fine-grained; slight lineation; microcline plagioclase, quartz, sericite, minor chlorite, and magnetite; trace of quartz and microcline vein filling; slight iron oxide stain; numerous fractures filled with dark green chlorite; minor flinty-crush-rock.
100	As above.
100-104	No sample.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-50	No sample	(probably Tertiary sediments)
50-100	Sheared Granite (probably Petersburg Granite)	?
100-104	No sample	

Virginia Division of Mineral Resources
Hollis N. Walker, Geologist
December 1, 1965