

OWNER: Colonial Pipelines
DRILLER: Farmville Well Drilling Co.
COUNTY: Fluvanna (Columbia)

VDMR #982
WWCR #83
TOTAL DEPTH:250'

GEOLOGIC LOG

0-10	Overburden - light brown, fine to medium grained, angular to subangular, high quartz content, minor muscovite , biotite, magnetite octahedrons and kaolin.
10-20	As above (with coarse grained, rounded to subrounded quartz grains.)
20-30	Granodiorite - white to tan, fine to coarse, angular to rounded, high quartz content, large rounded quartz grains, one sub-rounded blue quartz grain, muscovite, amphibole, minor magnetite octahedra, white feldspar, and biotite.
30-40	As above (with minor epidote and traces of garnet).
40-50	As above.
50-60	As above.
60-70	As above.
70-80	As above (with vein quartz and minor chlorite).
80-90	No sample.
90-100	No sample.
100-110	Granodiorite - gray, fine grained, angular to subangular, quartz, biotite, chlorite, muscovite, white feldspar, amphibole, fine grained, green sericite, minor kaolin, and epidote.
110-120	As above.
120-130	As above
130-140	As above.
140-150	As above.
150-160	As above.

160-170	Granodiorite - gray, fine grained, angular to subangular, quartz, biotite, chlorite, muscovite, white feldspar, amphibole, fine grained, green sericite, minor kaolin, and epidote.
170-180	As above (with traces of light-red garnet and magnetite octahedra).
180-190	As above (without garnet and magnetite).
190-200	As above.
200-210	As above.
210-220	As above.
220-230	As above.
230-250	No samples.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>AGE</u>
0-20'	Residium	Recent
20-230'	Columbia Granodiorite	Paleozoic (ordovician ?)

Virginia Division of Mineral Resources
Villard S. Griffin, Jr., Geologist
June 24, 1964