

OWNER: Mrs. Hamilton #2
DRILLER: J. T. Ellington
COUNTY: Stafford

VDMR #960
WWCR #47
TOTAL DEPTH: 290'

GEOLOGIC LOG

0-10	No sample.
Potomac Group	
10-25	Sand - tan, subangular to rounded, fine to medium grained, feldspar, with minor clay.
25-50	No sample.
50-67	Clay - pale yellow, subrounded to rounded quartz and feldspar considerable clay.
67-70	No sample.
70-90	Clay - moderate reddish brown, subangular to subrounded quartz grains, considerable clay.
90-105	No sample.
105-124	Clay - moderate reddish brown, subangular to subrounded quartz grains, considerable clay.
124-148	Sand - pale brownish-orange, subangular to subrounded, medium to fine grained, quartz, clay, feldspar, and traces of muscovite, X-ray analysis: Quartz 60%, potassic feldspar 30%, mica 10%.
148-185	No sample.
Petersburg Granite	
185-200	Granite - greenish-gray, medium grained, quartz, feldspar, biotite, kaolin, minor muscovite, weathered, X-ray analysis: Quartz 30%, plagioclase 20%, biotite 20%, siderite 20%, potassic feldspar 10%.
200-215	As above - diminishing biotite.
215-230	As above.
230-245	As above.
245-260	As above - unweathered.
260-275	As above.

OWNER: Mrs. Hamilton #2 (Continued)

#960

275-290

Granite - gray, medium grained, quartz, feldspar,
biotite, minor muscovite.

GEOLOGIC SUMMARY

	<u>ROCK UNIT</u>	<u>TIME ROCK UNIT</u>
0-10	No sample	
10-148	Potomac group	Cretaceous
148-185	No sample	
185-290	Petersburg Granite	Precambrian

Virginia Division of Mineral Resources
Villard S. Griffin, Jr., Geologist
July 14, 1964