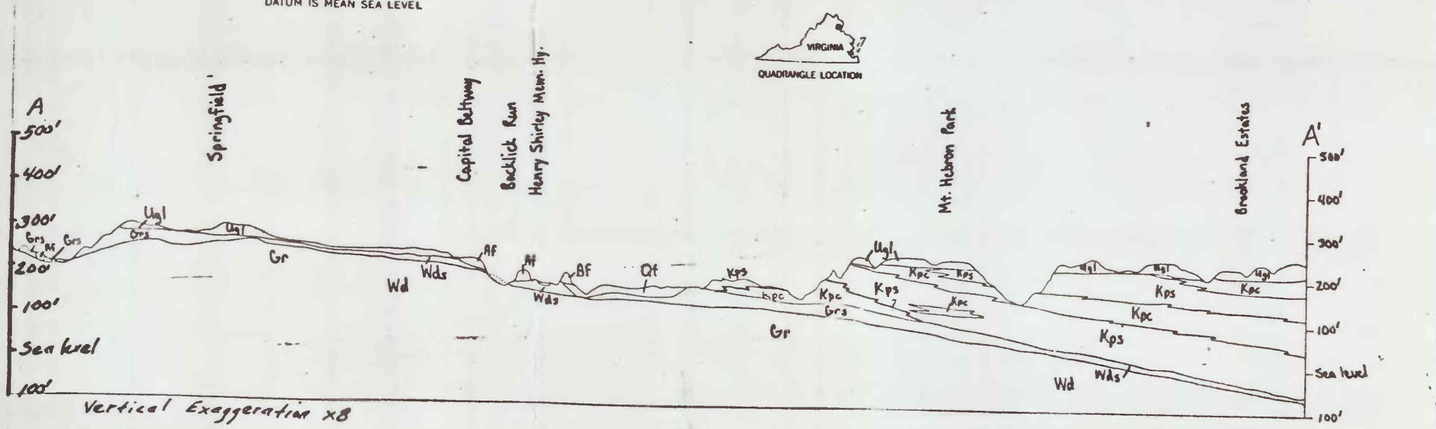

FIGURE 2

PRELIMINARY GEOLOGIC MAP OF FRANCONIA AREA, VIRGINIA

BY

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EXPLANATION OF GEOLOGIC MAP

ARTIFICALLY CHANGED GROUND

Af — Af-artifical fill

As — As-Sediment pond fill

Dg — Dg-Disturbed ground

SEDIMENTARY ROCKS

Qal — Qal-alluvium, unconformity

Q/Tc — Q/Tc-colluvium (Quarternary and/or Tertiary)

Qt — Qt-terraces, unconformity

Ugl — Ugl-upland gravel, low level, unconformity

Ugu — Ugu-upland gravel, high level, unconformity

Kp — Potomac Group

Kp-undivided
Kps-sand and gravel facies
Kpc-clay and silt facies

unconformity

METAMORPHIC AND IGNEOUS ROCKS

q — q-quartz veins, masses, bodies

Grs / Gr — Gr-granitoid rocks (Clarendon granite, aplite, pegmatite, quartz diorite, etc.)
Grs-saprolite on granitoid rocks

U — U-ultramafic rocks (serpentinite, talc schist, soapstone, etc.)

Mas / Ma — Ma-mafic rocks (amphibolite, greenstone, chlorite schist, tonalite, etc.)
Mas-saprolite on mafic rocks

Wps / Wp — Wp-pelitic schist facies; Wps-saprolite on pelitic schist

Wms / Wm — Wm-metagraywacke facies; Wms-saprolite on metagraywacke

Wds / Wd — Wd-diamicite gneiss facies; Wds-saprolite on diamictite gneiss

Wissahickon Formation

Glenarm Series

Precambrian and/or Lower Paleozoic

Mesozoic: Lower to Middle Cretaceous; Cretaceous

Cenozoic: Post Oligocene Pleistocene and/or Recent; Recent; Tertiary; Quaternary and/or Tertiary; Quaternary

——— Contact, approximately located; dotted where concealed.

—t— Inverted syncline, approximately located; arrows show direction of dip of limbs and direction of plunge

20 Strike and dip of predominant foliation

Strike of vertical foliation

——— Fault

20 Strike and dip of predominant joint set

Strike of vertical joint set

Quarry, granite.

4 average direction of measurements } Dip directions of crossbeds on Kps units