EXPLANATION

QUATERNARY

Qal — Surficial deposits

CAMBRIAN AND ORDOVICIAN

O€l — Limestone, dolomite, and shale

CAMBRIAN(?) AND CAMBRIAN

€c — Chilhowee Group

PRECAMBRIAN(?) CAMBRIAN(?) AND CAMBRIAN

Upper Precambrian(?)

p€csl, p€cg, p€cs — Catoctin Formation
- p€csl, *purple volcanic slate.*
- p€cg, *greenstone. Stipple pattern indicates porphyritic flows.*
- p€cs, *sedimentary rocks.*
- p€cd, *greenstone dike*

p€cd

PRECAMBRIAN

Lower Precambrian

p€gr — Granite

p€gd — Granodiorite and associated rocks

Contact
Dashed where approximately located, gradational, or inferred

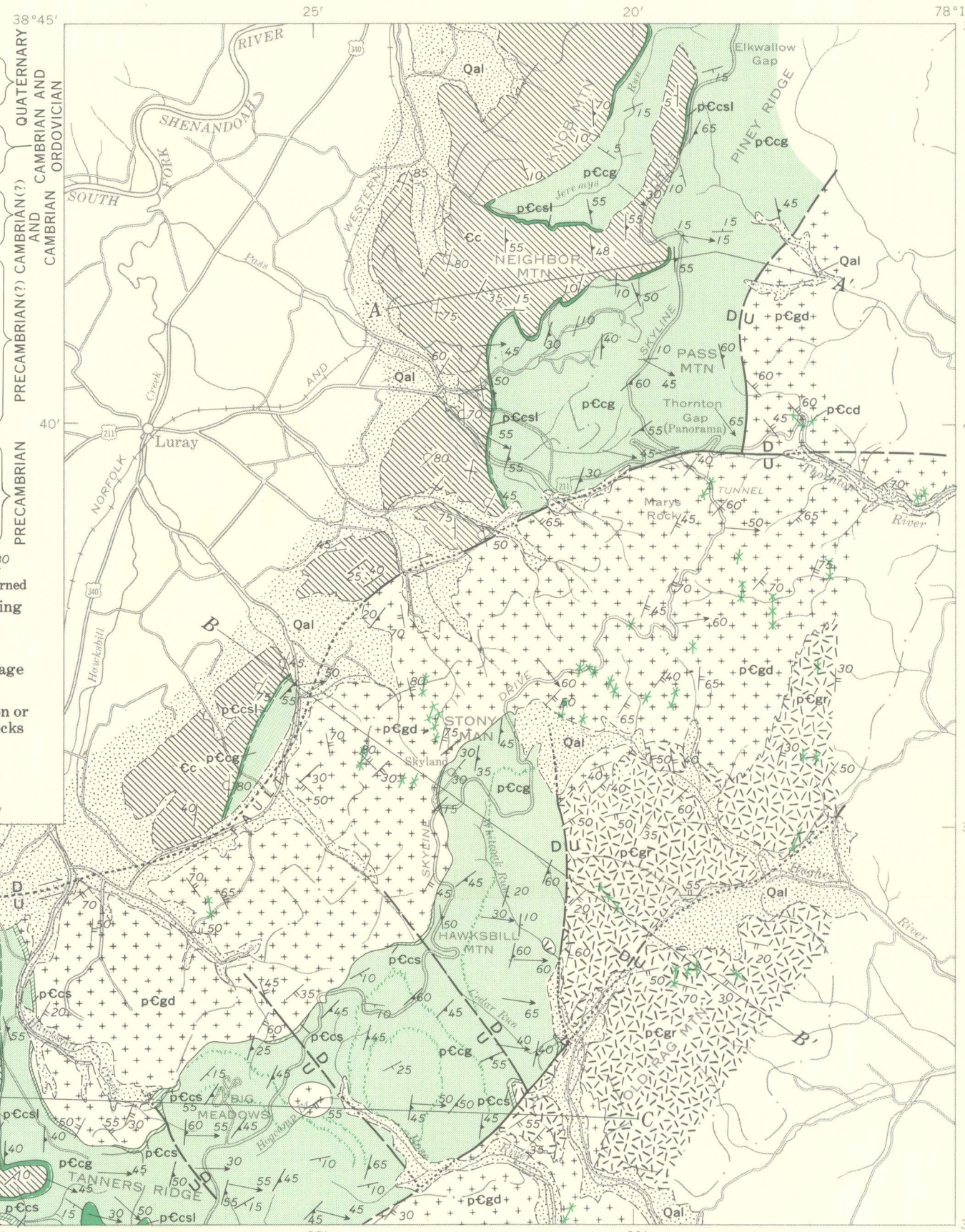
Fault
Dashed where approximately located; dotted where concealed. U, *upthrown side;* D, *downthrown side. Arrows show relative horizontal movement. On cross sections,* A *indicates movement away from observer;* T, *movement toward observer*

Inclined 40 — Vertical — Overturned 80
Strike and dip of bedding or flow surface

50 — Strike and dip of cleavage

60 — Strike and dip of foliation or layering in basement rocks

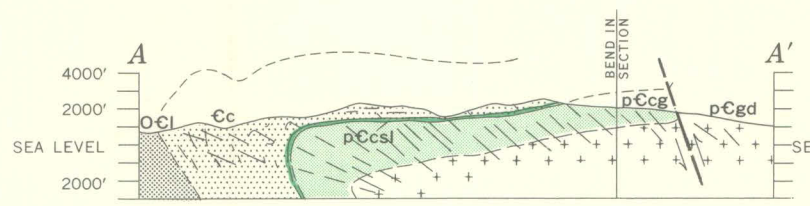
20 — Bearing and plunge of lineation

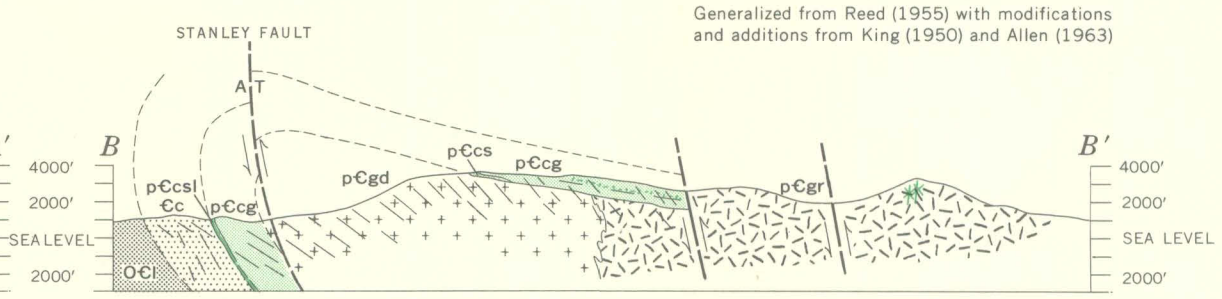


Base modified from U.S. Geological Survey 1:24,000 series Luray, 1965, Thorton Gap, 1965, Big Meadows, 1964, Old Rag Mountain, 1965, and Mount Jackson (1:62,500), 1942

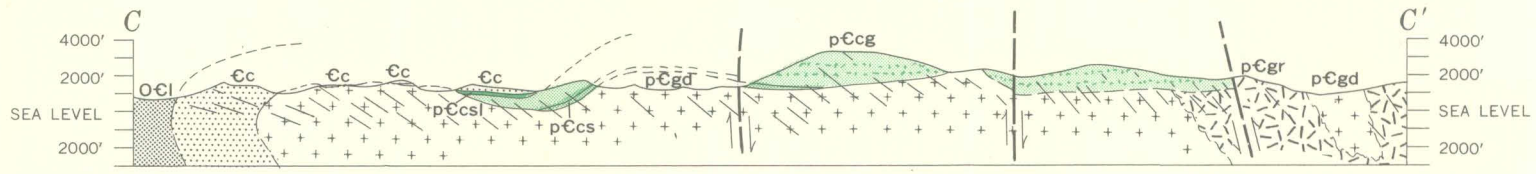
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1968—G68150

Generalized from Reed (1955) with modifications and additions from King (1950) and Allen (1963)





Note: surficial deposits are not shown in sections



GEOLOGIC MAP AND SECTIONS OF THE BLUE RIDGE NEAR LURAY, VIRGINIA

SCALE 1:125 000

2 0 2 4 6 MILES

2 0 2 4 6 KILOMETERS

491-302 O - 73