82°15'00" 82°07'30" 82°00'00" 81°52'30" 81°45'00" 81°37'30"

36°37'30" 36°30'00" 36°22'30" 36°15'00"

EXPLANATION

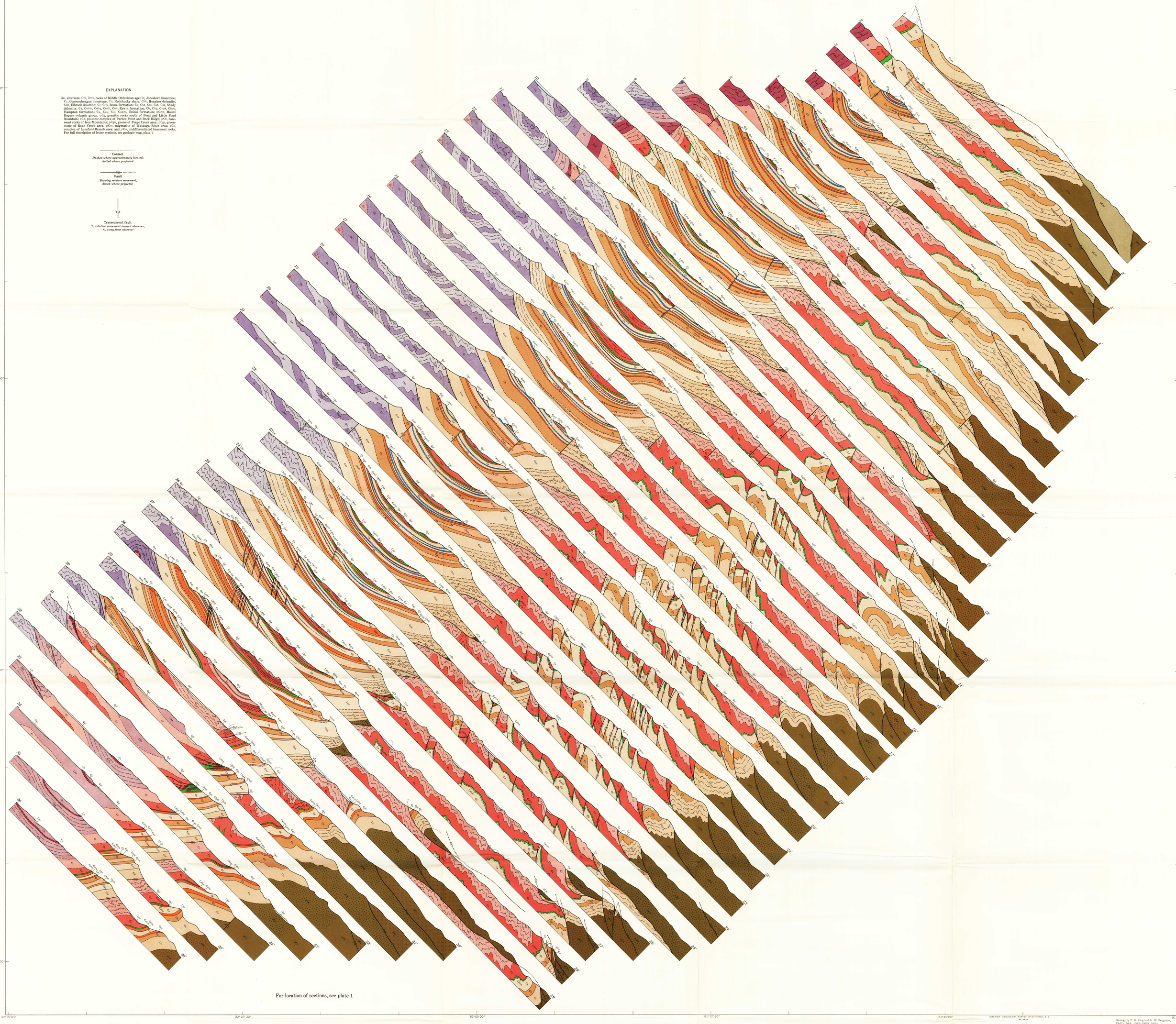
Qal, alluvium; Om, Omt, rocks of Middle Ordovician age; Oj, Jonesboro limestone; Oc, Conococheague limestone; ON, Nolichucky shale; Ch, Honaker dolomite; Ceb, Elbrook dolomite; Cr, Cri, Rome formation; Cs, Csd, Csc, Csb, Csa, Shady dolomite; Ce, Cehn, Cehg, Cemf, Cen, Erwin formation; Ch, Chg, Chsh, Chcb, Hampton formation; Cu, Cuu, Cul, Cuam, Unicoi formation; pCmr, Mount Rogers volcanic group; pCg, granitic rocks south of Pond and Little Pond Mountain; pCi, plutonic complex of Pardee Point and Rock Ridge; pCb, basement rocks of Iron Mountains; pCgr, gneiss of Forge Creek area; pCgr, greenstone of Roan Creek area; pCm, migmatite of Watauga River area; pCc, complex of Lumford Branch area; and, pCu, undifferentiated basement rocks. For full description of letter symbols, see geologic map, plate 1

Contact
Dashed where approximately located; dotted where projected

Fault
Showing relative movement, dotted where projected

T A

Transcurrent fault
T, relative movement toward observer; A, away from observer



For location of sections, see plate 1

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
NR 5818

Geology by P. B. King and H. W. Ferguson, 1941-1944, 1949-1950, 1953

GEOLOGIC SECTIONS OF NORTHEASTERNMOST TENNESSEE, AND ADJACENT PARTS OF VIRGINIA AND NORTH CAROLINA

Scale 1:48 000

1 0 1 2 3 4 Miles