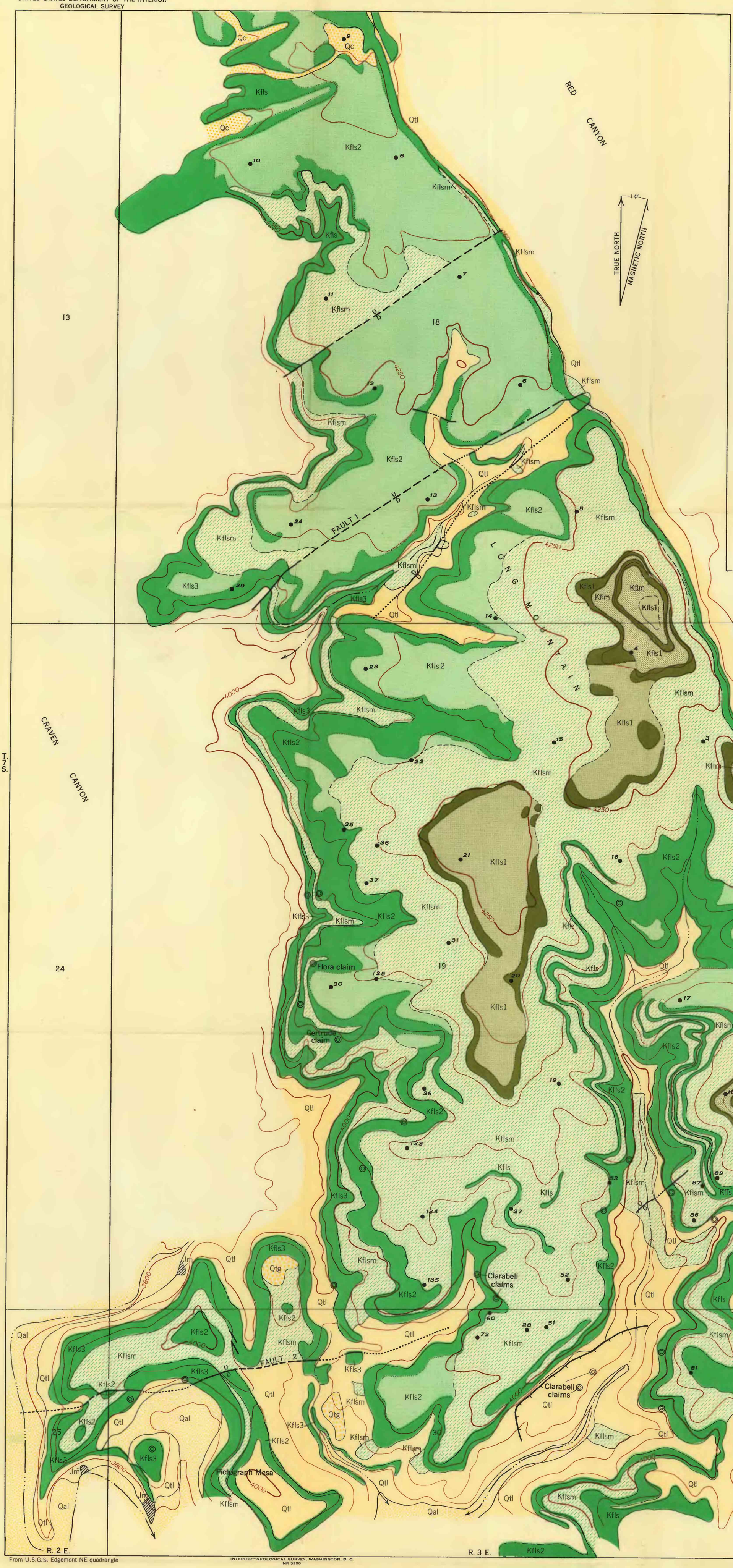

EXPLANATION

Qc — Colluvium

Qal — Alluvium

Qtl — Talus and landslide

Qtg — Terrace gravel

QUATERNARY

Kfr — Fall River sandstone

Heavy pattern shows good exposure; light pattern shows poor exposure

Inyan Kara group

Kfls1, Kflm, Kfls, Kfls2, Kfls3, Kflsm — Fuson formation and Lakota sandstone, undifferentiated

Sandstone, Kfls1, (solid pattern shows good exposure, dotted pattern shows poor exposure); mudstone, Kflm; undifferentiated sandstone, Kfls; upper uraniferous sandstone, Kfls2; lower uraniferous sandstone, Kfls3; interbedded sandstone and mudstone, Kflsm

CRETACEOUS

Jm — Morrison formation

JURASSIC

Contact
Dashed where approximately located

Limit of exposure

U / D — Fault
Dashed where approximately located, dotted where concealed; U, upthrown side; D, downthrown side

Edge of landslide

Carnotite deposit

10 — A. E. C. diamond-drill hole

From U.S.G.S. Edgemont NE quadrangle

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
MR 5990

Geology by W. A. Braddock, G. B. Gott, D. E. Engstrom, and Henry Bell III, 1953

GEOLOGIC MAP OF PART OF LONG MOUNTAIN, FALL RIVER COUNTY, SOUTH DAKOTA

500 0 1000 Feet

Contour interval 50 feet
Datum is mean sea level