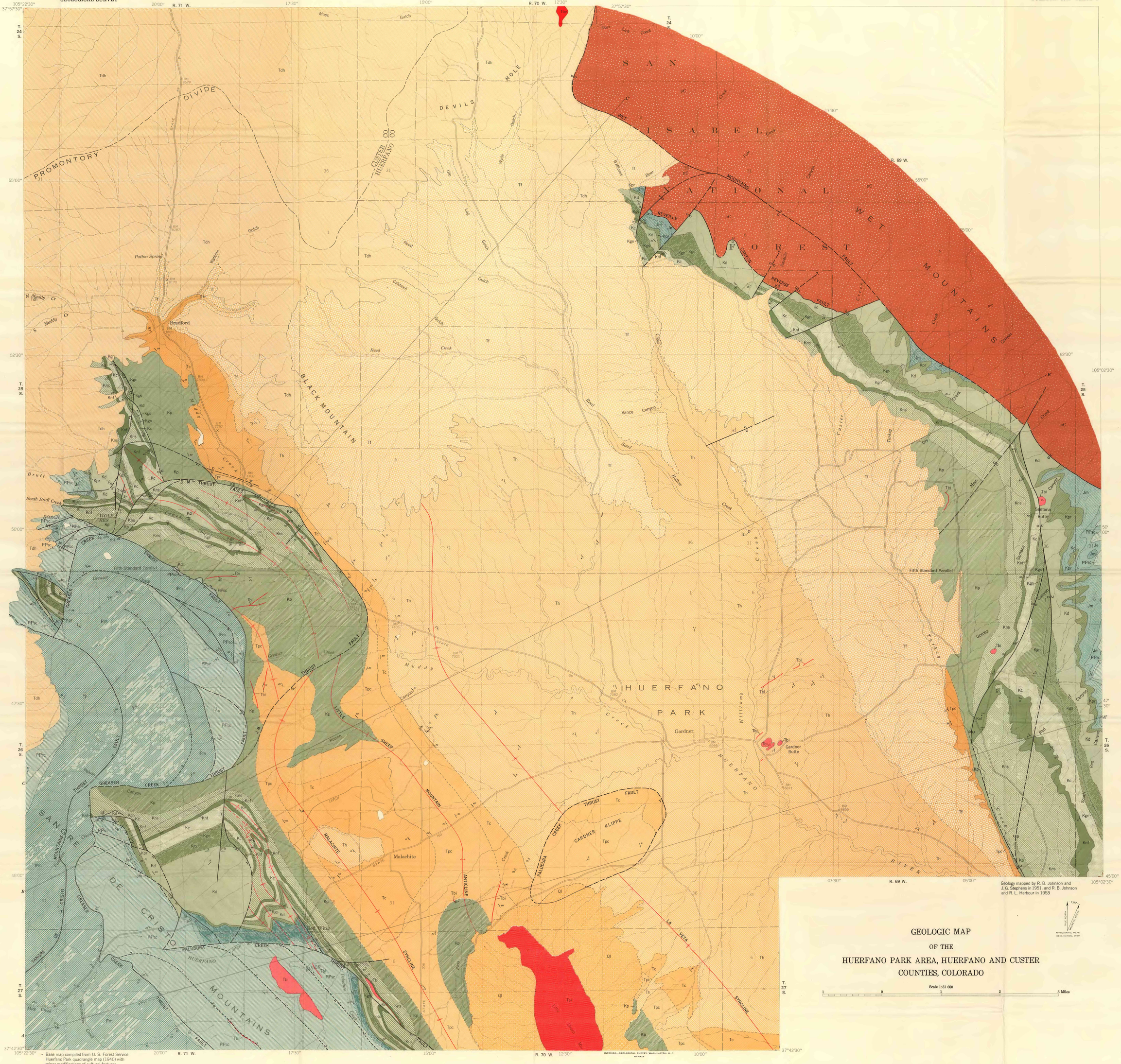

Base map compiled from U. S. Forest Service Huerfano Park quadrangle map (1940) with minor modifications of cultural features

Geology mapped by R. B. Johnson and J. G. Stephens in 1951, and R. B. Johnson and R. L. Harbour in 1953

APPROXIMATE MEAN DECLINATION, 1959

GEOLOGIC MAP
OF THE
HUERFANO PARK AREA, HUERFANO AND CUSTER COUNTIES, COLORADO

Scale 1:31 680

1 0 1 2 3 Miles

EXPLANATION

SEDIMENTARY ROCKS

QUATERNARY

Pleistocene and Recent

Ql — Landslide

UNCONFORMITY

Miocene(?)

Tdh — Devils Hole formation

UNCONFORMITY

Oligocene(?)

Tf — Farisita conglomerate

UNCONFORMITY

TERTIARY

Eocene

Th — Huerfano formation

UNCONFORMITY

Tc — Cuchara formation

UNCONFORMITY

Paleocene

Tpc — Poison Canyon formation

UNCONFORMITY

CRETACEOUS

Upper Cretaceous

Kp — Pierre shale

Kns, Knf — Niobrara formation *Includes Smoky Hill marl member* Kns, *and Fort Hays limestone member,* Knf

Kc — Carlile shale

Kgn — Greenhorn limestone

Kgs — Graneros shale

Lower Cretaceous

Kd — Dakota sandstone

DISCONFORMITY

Kpr — Purgatoire formation

DISCONFORMITY

JURASSIC

Jm — Morrison formation

Je — Entrada sandstone

DISCONFORMITY

PERMIAN

PPsc — Sangre de Cristo formation

PENNSYLVANIAN

CARBONIFEROUS

Pm — Unnamed marine rocks

IGNEOUS ROCKS

TERTIARY

Miocene(?)

Tbe — Basic extrusive rocks *Lava flow*

Eocene(?)

Tsi — Silicic intrusive rocks *Laccolith*

Tbi — Basic intrusive rocks *Plugs, dikes, and sills*

METAMORPHIC ROCKS

PRECAMBRIAN

pC — Gneiss and schist

Contact
Dashed where approximately located

Fault
Dashed where approximately located; U, *upthrown side;* D, *downthrown side*

Tear fault
Showing direction of movement, dashed where approximately located

Thrust fault
Long dashes where approximately located, short dashes where inferred, dotted where concealed. T, *upthrust side*

Strike and dip of beds

Strike and dip of overturned beds

Strike of vertical beds

Axial trace of anticline
Dashed where approximately located, dotted where concealed

Axial trace of syncline
Dashed where approximately located, dotted where concealed

BM 8170
Bench mark

Triangulation station

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
HR 5424