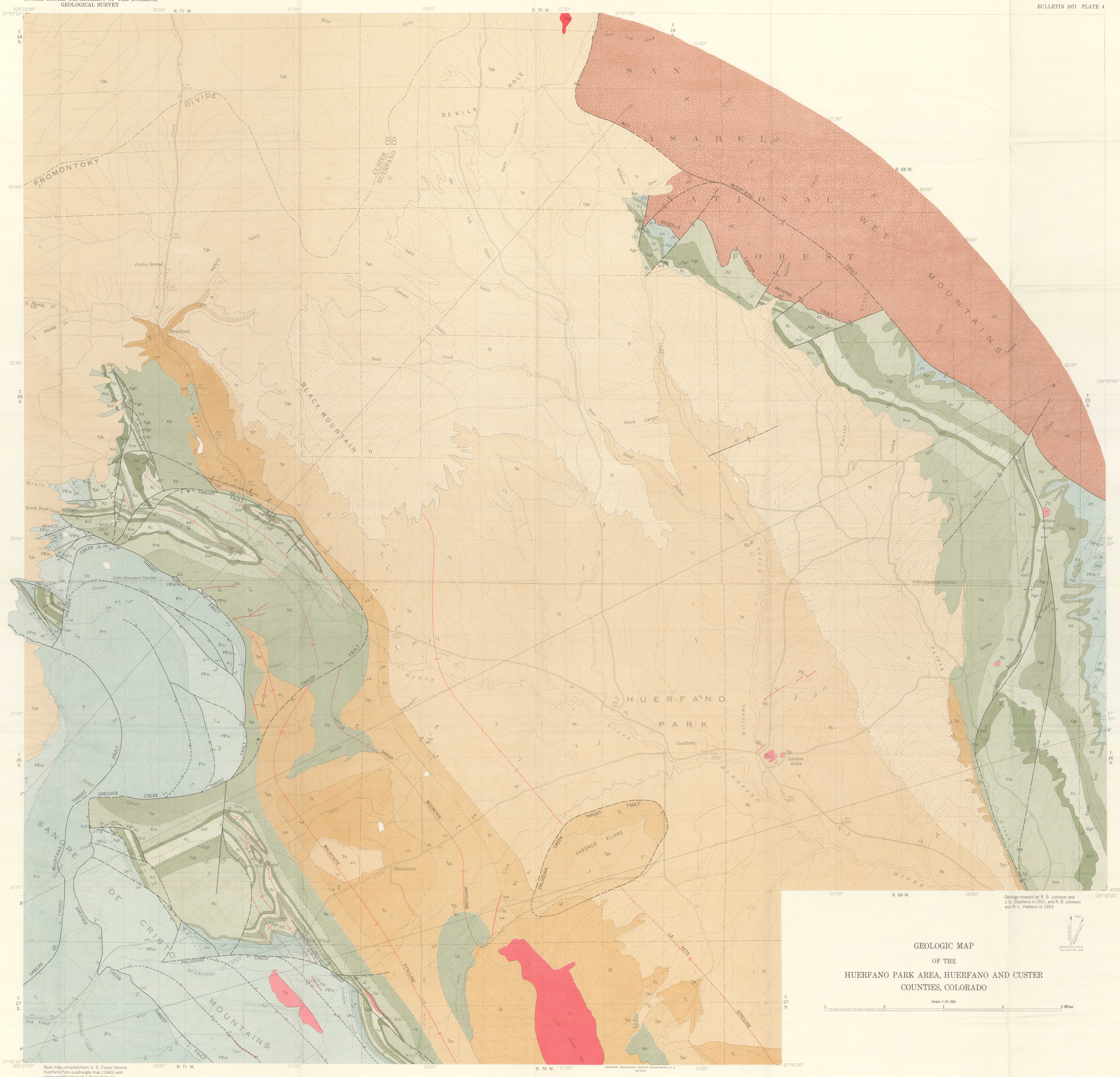

EXPLANATION

SEDIMENTARY ROCKS

Epoch	Period	Symbol	Unit	Era
Pleistocene and Recent		Ql	Landslide	QUATERNARY
		UNCONFORMITY		
Miocene(?)		Tdh	Devils Hole formation	TERTIARY
		UNCONFORMITY		
Oligocene(?)		Tf	Farisita conglomerate	
		UNCONFORMITY		
Eocene		Th	Huerfano formation	
		UNCONFORMITY		
		Tc	Cuchara formation	
		UNCONFORMITY		
Paleocene		Tpc	Poison Canyon formation	
		UNCONFORMITY		
Upper Cretaceous		Kp	Pierre shale	CRETACEOUS
		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		
		Jm	Morrison formation	JURASSIC
		Je	Entrada sandstone	
		DISCONFORMITY		
		PPsc	Sangre de Cristo formation	PENNSYLVANIAN PERMIAN
		Pm	Unnamed marine rocks	CARBONIFEROUS

IGNEOUS ROCKS

Epoch	Symbol	Unit	Era
Miocene(?)	Tbe	Basic extrusive rocks *Lava flow*	TERTIARY
Eocene(?)	Tsi	Silicic intrusive rocks *Laccolith*	
	Tbi	Basic intrusive rocks *Plugs, dikes, and sills*	

METAMORPHIC ROCKS

Symbol	Unit	Era
pC	Gneiss and schist	PRECAMBRIAN

Contact
Dashed where approximately located

U D
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

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

TRUE NORTH
MAGNETIC NORTH
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

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

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
NR 6424