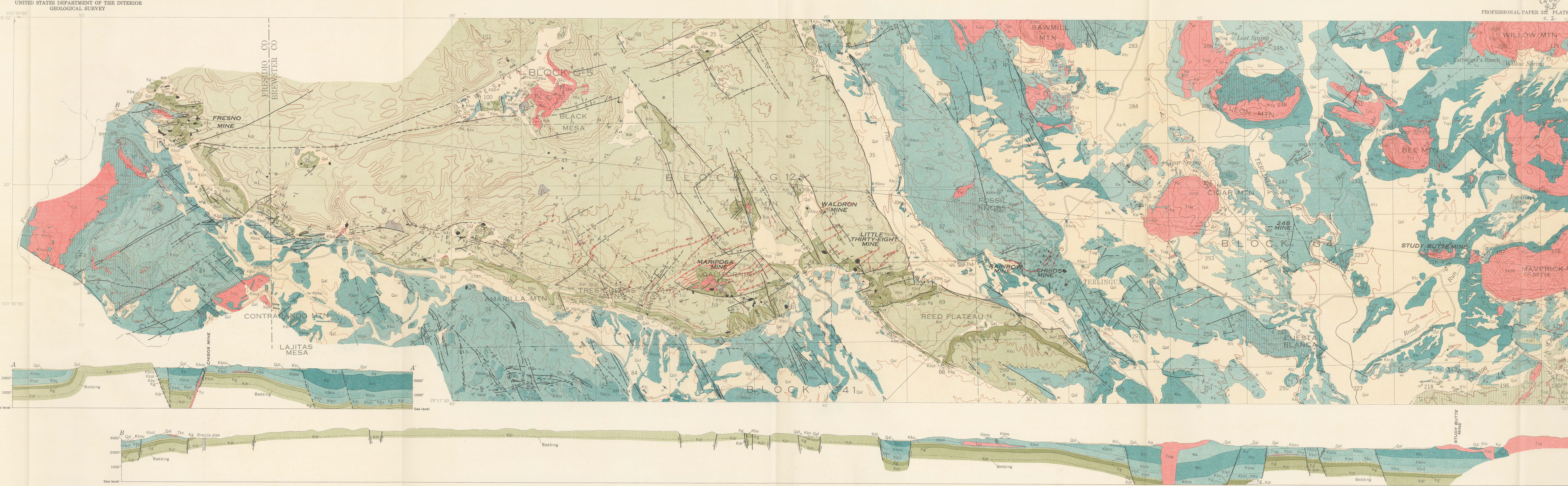




Base from U. S. Geological Survey topographic maps of the Terlingua district and Terlingua quadrangle, adjusted by means of air photographs.

INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1925
U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1945

Geology by E. H. Bailey, G. A. Thompson, and R. G. Yates, 1945

GEOLOGIC MAP AND SECTIONS OF THE TERLINGUA QUICKSILVER DISTRICT, TEXAS

Scale 1:31 680

1 1/2 0 1 2 Miles

Contour interval 100 feet
Datum is mean sea level

U. S. GEOLOGICAL SURVEY
WASHINGTON
SEP 29 1960
LIBRARY

EXPLANATION

QUATERNARY

TERTIARY

CRETACEOUS AND TERTIARY

CRETACEOUS

UPPER CRETACEOUS

LOWER CRETACEOUS

Qal Alluvium
Valley fill, terrace deposits, and talus

Ti Intrusive rocks
Tir, rhyolite; Tias, quartz soda syenite; Tist, soda trachyte; Tis, soda latite; Tib, olivine basalt, includes some undifferentiated small intrusions south of Maverick Mountain; Tias, andesite syenite; Tib, andesite-plagioclase syenite; Tias, andesite-orthoclase gabbro (syenogabbro); and Tib, andesite basalt

Kc Chisos volcanics
Lava flows, tuffs, and interbedded sedimentary rocks

Ktd Tornillo clay
Variegated clay, in part sandy and tuffaceous

Ks Aguja formation, lined where baked
Crossbedded concretionary sandstone; clay; local coal beds

Ktc Terlingua clay, lined where baked
Gray to brown structureless clay

Kbol Boquillas flags, lined where baked
Flaggy, impure limestone and shale. Divided at the base of the Croceras zone into upper member, Kbol; and lower member, Kbol

Kbu Basal limestone
White limestone

Kg Grayson formation
Dark calcareous clay

Kdr Devils River limestone
Dark thick-bedded limestone

Breccia pipes

Contact, showing dip
Dashed where approximately located; dotted where concealed

Vertical contact

Fault, showing dip
Dashed where approximately located; dotted where concealed. u, upthrown side; d, downthrown side

Vertical fault

Thrust fault, showing dip
T, upper plate

Anticline
Showing trace of axial plane and direction of plunge of axis. Dashed where approximately located

Syncline
Showing trace of axial plane and direction of plunge of axis. Dashed where approximately located

Strike and dip of beds

Horizontal beds

Strike of vertical beds

Strike and dip of flow structure in igneous rock

Mineralized fault with cinnabar
u, upthrown side; d, downthrown side

Fracture with associated cinnabar
Dashed where approximately located

Prospect

Distribution generalized where closely spaced

Mine

Dumps

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1958