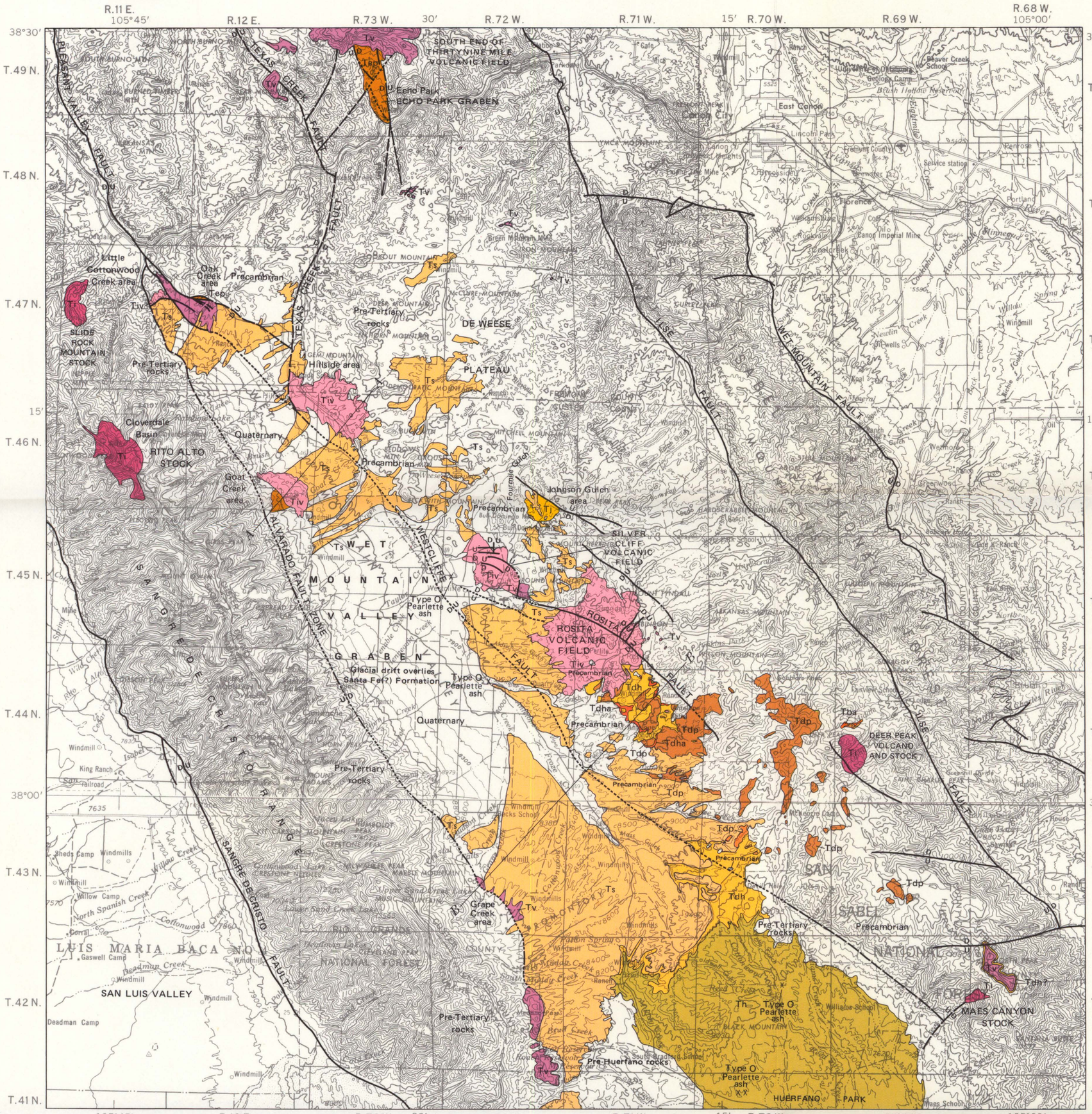
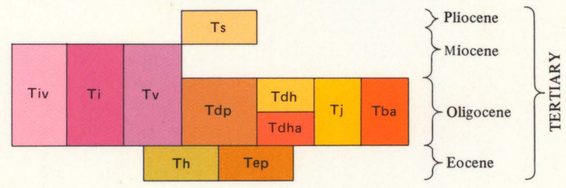
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 868
PLATE 1



CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Ts SANTA FE(?) FORMATION (PLIOCENE AND MIOCENE)

Tiv INTRUSIVE PLUGS AND STOCKS AND EXTRUSIVE VOLCANIC ROCKS, LAHARIC, ASH-FLOW, AND WATER-LAID DEPOSITS (MIOCENE AND OLIGOCENE) – Includes Gribbles Park, Thorn Ranch, East Gulch, and Wall Mountain Tuffs in northern part; Ben West stock at Silver Cliff; Pringle Latite, Bunker Trachyandesite, Rosita Andesite and its vent equivalent–Bassick Agglomerate–at Rosita. Also includes many unnamed rock units

Ti Intrusive plugs and stocks – Includes Maes Canyon, Deer Peak, Rito Alto, and Slide Rock Mountain stocks

Tv Extrusive volcanic rocks, laharic, ash-flow, and water-laid deposits – Includes Gribbles Park, Thorn Ranch, and Wall Mountain Tuffs and unnamed rock units

Tdp DEER PEAK VOLCANICS (OLIGOCENE)

DEVILS HOLE FORMATION (OLIGOCENE)

Tdh Upper part

Tdha Basal ash-flow tuff

Tj ASH AT JOHNSON GULCH (LOWER OLIGOCENE)

Tba BOULDER ALLUVIUM (LOWER OLIGOCENE) – Early volcanic in age

Th HUERFANO FORMATION AND RELATED ROCKS (EOCENE)

Tep ECHO PARK ALLUVIUM (EOCENE) – Boulder alluvium composed of granitic and other detritus at Goat Creek, Oak Creek, and Echo Park

CONTACT

FAULT – Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side

Base from U.S. Geological Survey
Pueblo and Trinidad, 1954

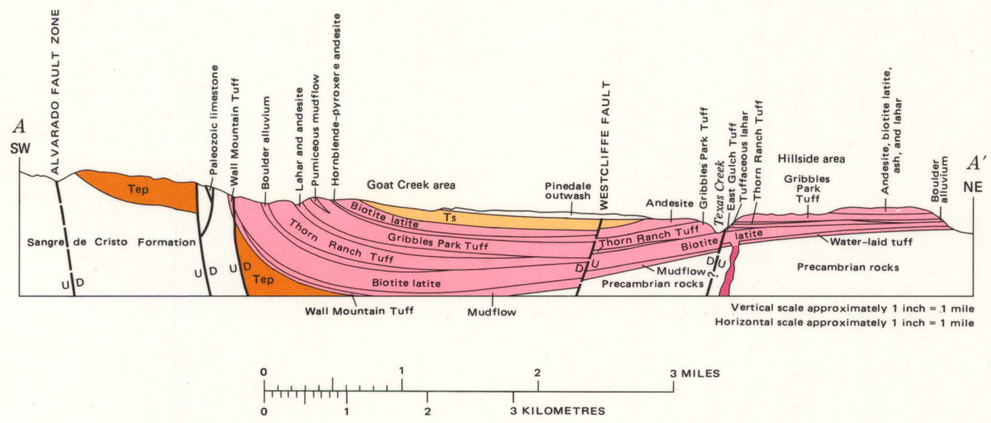
SCALE 1:250 000

5 0 5 10 MILES

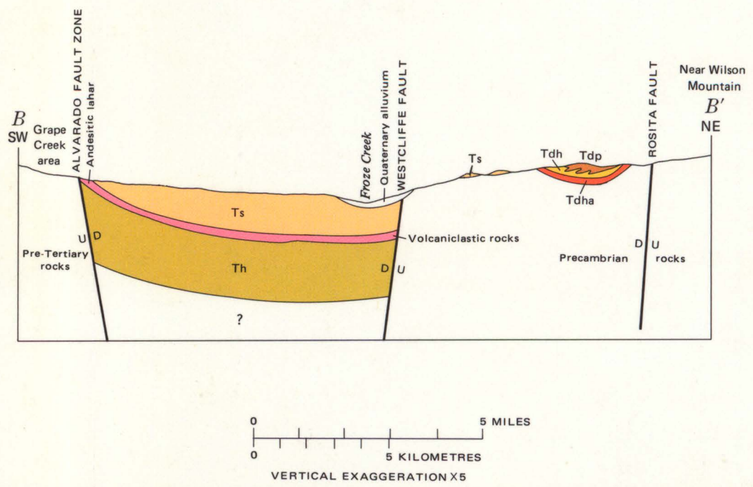
5 0 5 10 KILOMETRES

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS
DATUM IS MEAN SEA LEVEL

Geology from Johnson (1969), Guyton and others (1960), MacNish (1966), Siems (1968), Volckmann (1965), and reconnaissance by Scott and Taylor in 1965–69



DIAGRAMMATIC COMPOSITE CROSS SECTION BETWEEN GOAT CREEK AREA AND HILLSIDE AREA



GENERALIZED CROSS SECTION SKETCHED BETWEEN GRAPE CREEK AND WILSON MOUNTAIN AREAS

GEOLOGIC MAP OF POST-PALEOCENE TERTIARY ROCKS AND QUATERNARY VOLCANIC ASH ALONG THE WET MOUNTAIN VALLEY GRABEN, SOUTH-CENTRAL COLORADO

☆ U.S. GOVERNMENT PRINTING OFFICE: 1975—677-309/28