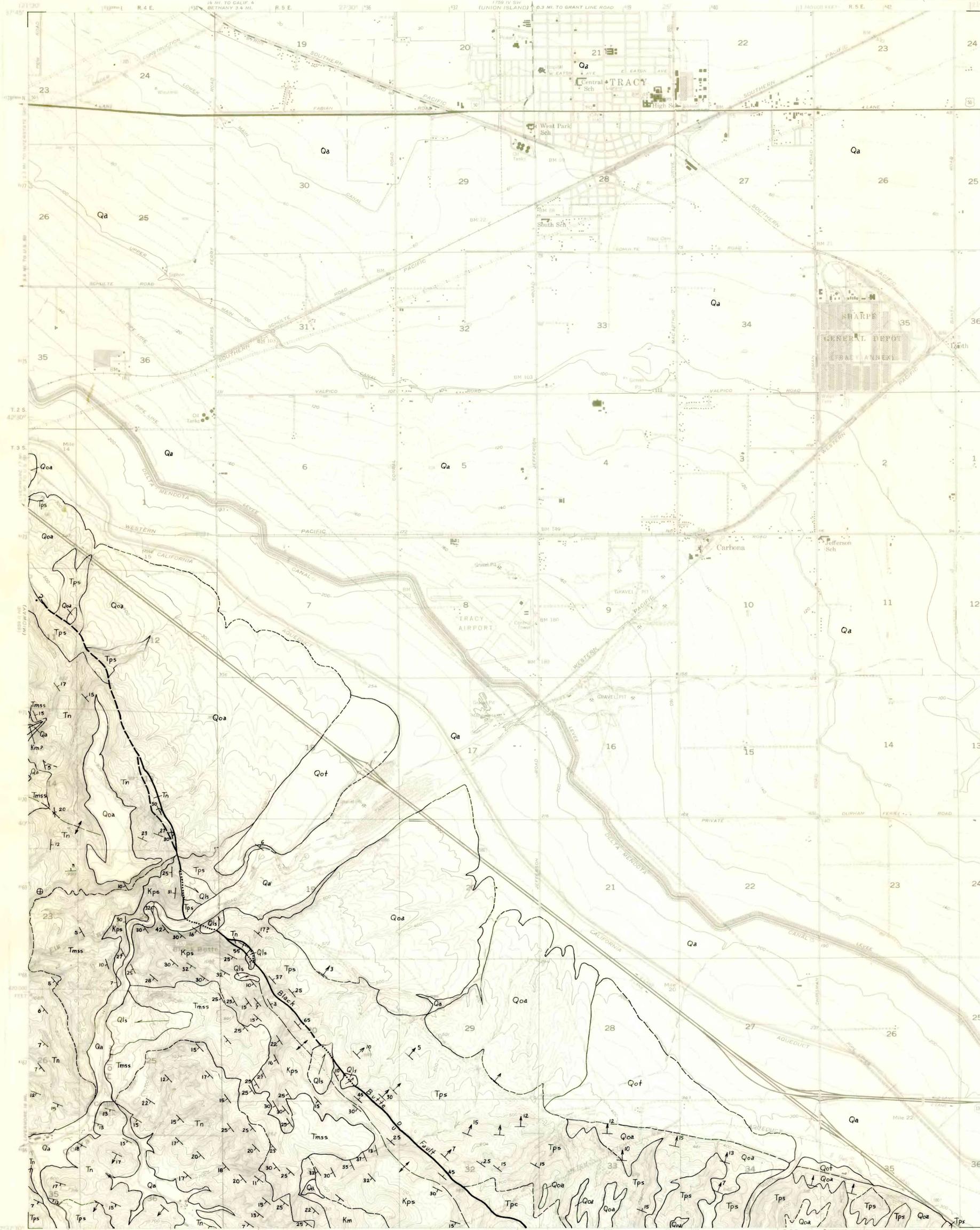


UNITED STATES GEOLOGICAL SURVEY

TRACY QUADRANGLE  
CALIFORNIA - SAN JOAQUIN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



- Qa Qls**  
Surficial deposits  
Qa; alluvium  
Qls; landslide debris
- Unconformity**
- Qot**  
**Qoa**  
Older alluvium  
Qot; younger terrace alluvium  
Qoa; older alluvium, dissected, locally deformed
- Unconformity**
- Tps**  
**Tpc**  
Nonmarine sedimentary rocks  
Tps; weakly consolidated light gray pebble conglomerate, sandstone and greenish clay  
Tpc; mostly greenish clay
- Tn**  
Neroly Formation  
Brackish-marine(?) and nonmarine pebbly blue and gray sandstone
- Tmss**  
Nonmarine sedimentary rocks  
Light gray, pebbly sandstone and clay
- Unconformity**
- Km**  
Moreno Shale  
Marine clay shale
- Kps**  
Panoche Formation  
Marine, light gray, arkosic sandstone, with concretions, and some interbedded micaceous shale

- Contact**  
dashed where gradational or approximately located
- Fault**  
dashed where inferred; dotted where concealed; queried where existence doubtful; double arrows indicate strike-slip movement; U - upthrown side; D - downthrown side
- Anticline**  
Axis of fold; arrow on axis indicates direction of plunge
- Inclined**  
30° inclined; inclined (approximate); vertical
- Overturned**  
70° overturned
- Strike and dip of strata**

Geology mapped by T.W. Dibblee, Jr., (1977)



PRELIMINARY GEOLOGIC MAP OF THE TRACY QUADRANGLE, SAN JOAQUIN COUNTY, CALIFORNIA

by  
Thomas W. Dibblee, Jr.

1981

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

TRACY, CALIF.  
N 37° 37' 30" W 121° 22' 30" E

1954  
AMS 1759 10 30W-SERIES 5895