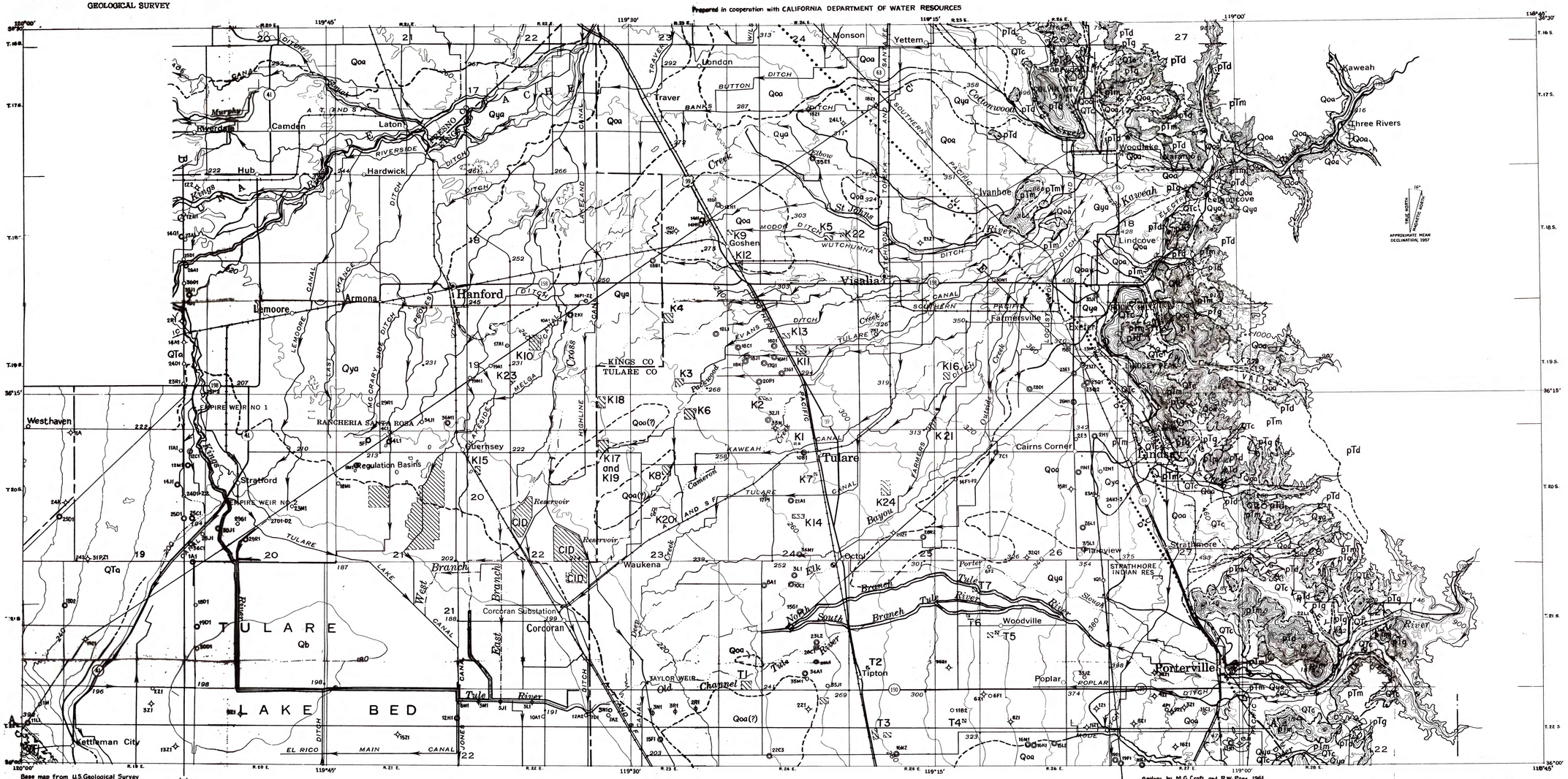
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with CALIFORNIA DEPARTMENT OF WATER RESOURCES



Base map from U.S. Geological Survey topographic map, Central Valley, Calif., South area, 1959. 1:250000

Geology by M.G. Croft and R.W. Page, 1961
Modified from Soil maps in some areas

EXPLANATION

UNCONSOLIDATED DEPOSITS

WEST SIDE — *Coast Ranges Provenance*

- *Pliocene to Recent*
  - QTa — Alluvium, undifferentiated
- *Pliocene and Pleistocene*
  - QTl — Lacustrine and marsh deposits
- *Recent*
  - Qb — Flood basin deposits

EAST SIDE — *Sierra Nevada Provenance*

- *Pleistocene (?) and Recent (?)*
  - Qya — Younger alluvium
  - Qoa — Older alluvium
- *Pliocene and Pleistocene (?)*
  - QTc — Continental deposits

QUATERNARY; TERTIARY and QUATERNARY (?)

CONSOLIDATED ROCKS

pTg, pTd, pTm — Basement complex
- pTg, *gabbro*
- pTd, *diorite and granodiorite*
- pTm, *metamorphic rocks*

PRE-TERTIARY

Lithologic contact
Dashed where indefinite or inferred

Fault
Dashed where inferred; dotted where concealed; U, upthrown side; D, downthrown side

A — A' Line of section

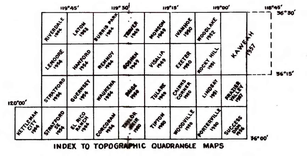
Domestic, stock, or unused well

Public supply or irrigation well

Destroyed well

Oil test well

Recharge basin
- K = *Kaweah Delta Water Conservation District*
- T = *Lower Tule River Irrigation District*
- CID = *Corcoran Irrigation District*



INDEX TO TOPOGRAPHIC QUADRANGLE MAPS

GEOLOGIC MAP OF THE HANFORD-VISALIA AREA, SAN JOAQUIN VALLEY, CALIFORNIA