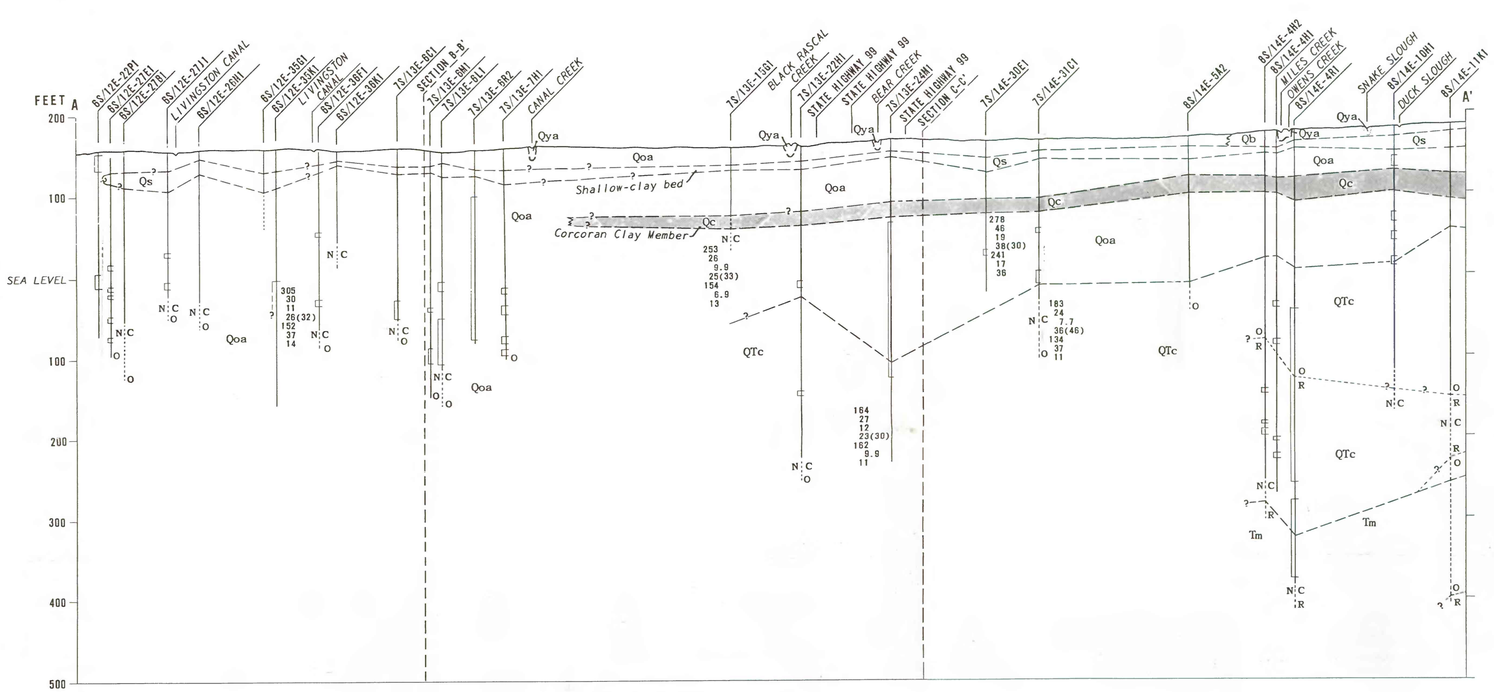
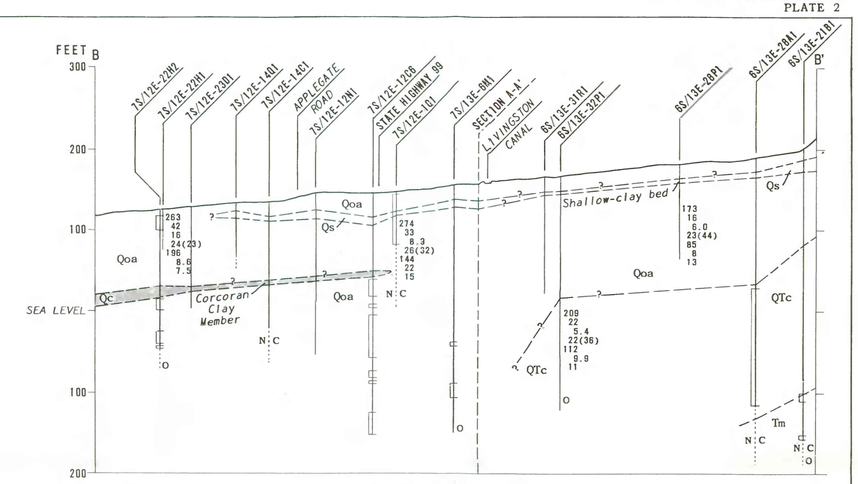
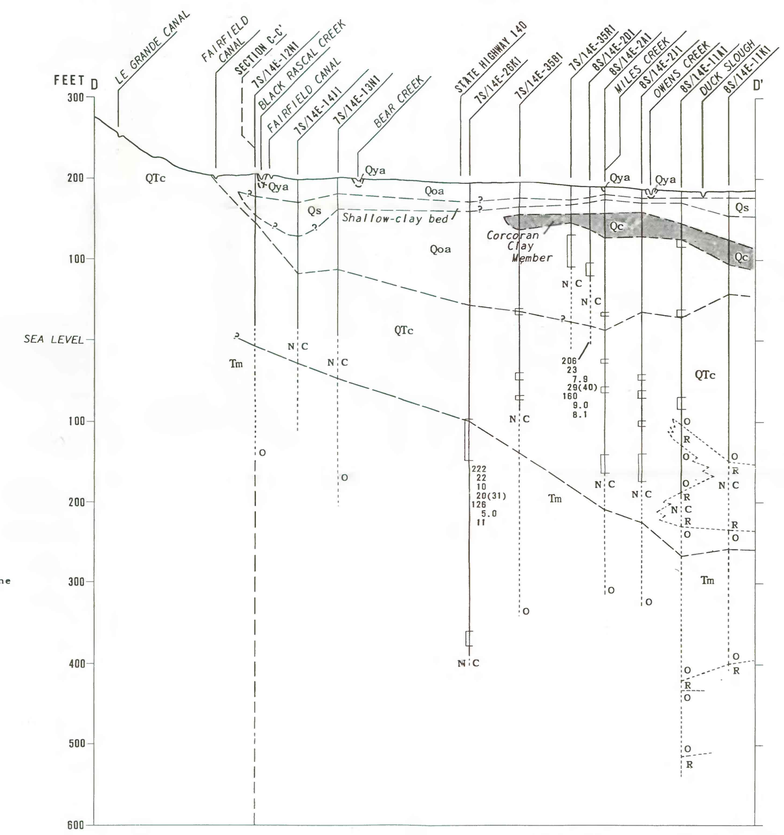
Prepared in cooperation with
THE CITY OF MERCED



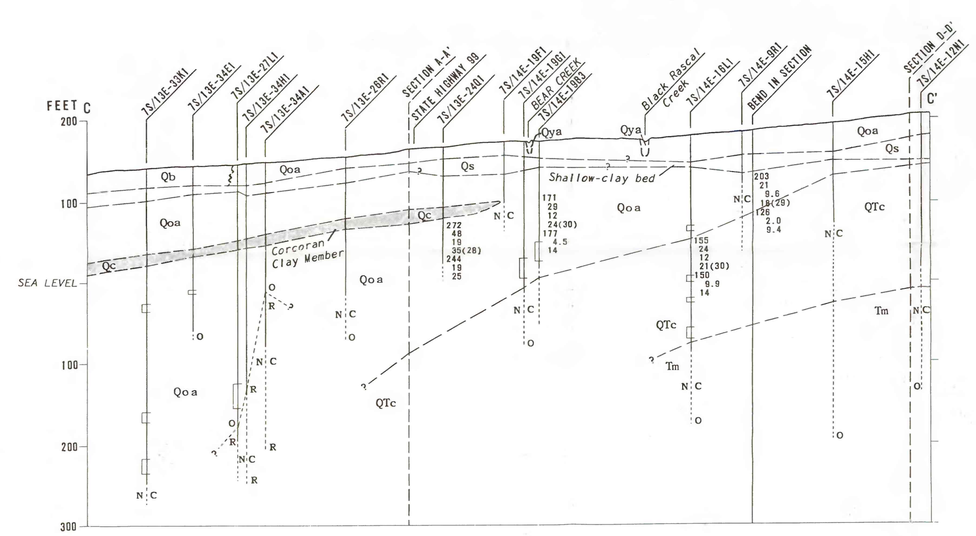
Geologic section A-A'



Geologic section B-B'



Geologic section D-D'



Geologic section C-C'

See plate 1 for location of sections

0 1 2 3 MILES
Vertical scale greatly exaggerated

CORRELATION OF SECTION UNITS

Qya	Holocene	QUATERNARY
Qb, Qs	Holocene(?)	QUATERNARY
Qoa	Holocene(?) and Pleistocene	QUATERNARY
Qc	Pleistocene	QUATERNARY
QTc	Pleistocene(?) and Pliocene	QUATERNARY(?) AND TERTIARY
Unconformity		
Tm	Pliocene and Miocene	TERTIARY

DESCRIPTION OF SECTION UNITS

- Qya — YOUNGER ALLUVIUM
- Qb — FLOOD-BASIN DEPOSITS
- Qs — SHALLOW CLAY BED-Lacustrine and marsh deposits
- Qoa — OLDER ALLUVIUM
- Qc — CORCORAN CLAY MEMBER OF THE TULARE FORMATION-Lacustrine and marsh deposits
- QTc — CONTINENTAL DEPOSITS
- Unconformity
- Tm — MEHRTEN FORMATION-Fluviatile deposits of sandstone, breccia, conglomerate, tuff, silt, siltstone, and claystone

—?—	STRATIGRAPHIC UNIT CONTACT Queried where data are inconclusive
O	OXIDIZED DEPOSITS
R	REDUCED DEPOSITS
	CHEMICAL DATA
305	Dissolved solids(mg/l)
30	Ca(mg/l)
11	Mg(mg/l)
26(32)	Na(mg/l)(percent sodium)
152	HCO_3(mg/l)
37	SO_4(mg/l)
14	Cl(mg/l)
mg/l	Milligrams per liter
	WELL SYMBOLS
6S/12E-22P1	Well number
N C	No casing
⊔	Perforated casing

Geology by R.W. Page, 1976; Corcoran Clay Member modified from Hotchkiss (1972) by R.W. Page, 1976

GEOLOGIC SECTIONS SHOWING WATER QUALITY, MERCED, CALIF., AND VICINITY