

Geologic section A - A', Sacramento Valley, California
(See Plate 1 for location of section)

EXPLANATION OF SYMBOLS

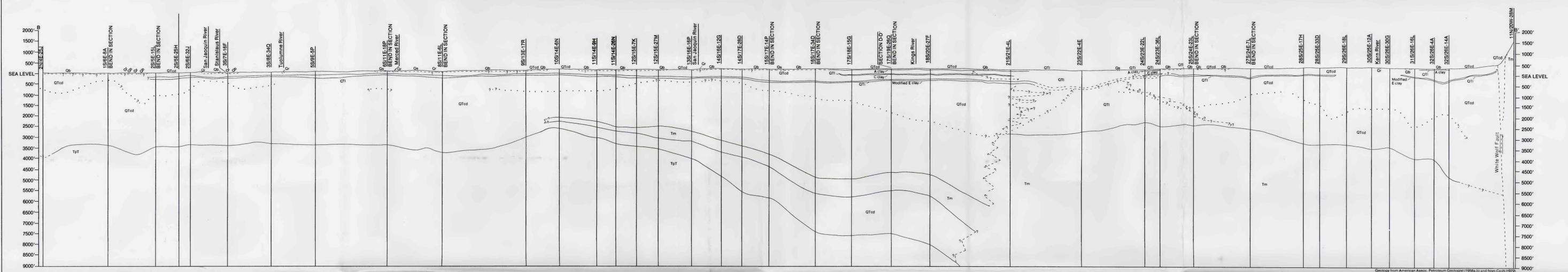
Stratigraphic unit contact Approximately located, queried where data are inconclusive

Water quality line Below line dissolved - solids concentration greater than about 2,000 milligrams per liter; queried where data are inconclusive

Well and number

SCALE
0 1 2 3 4 5 6 MILES

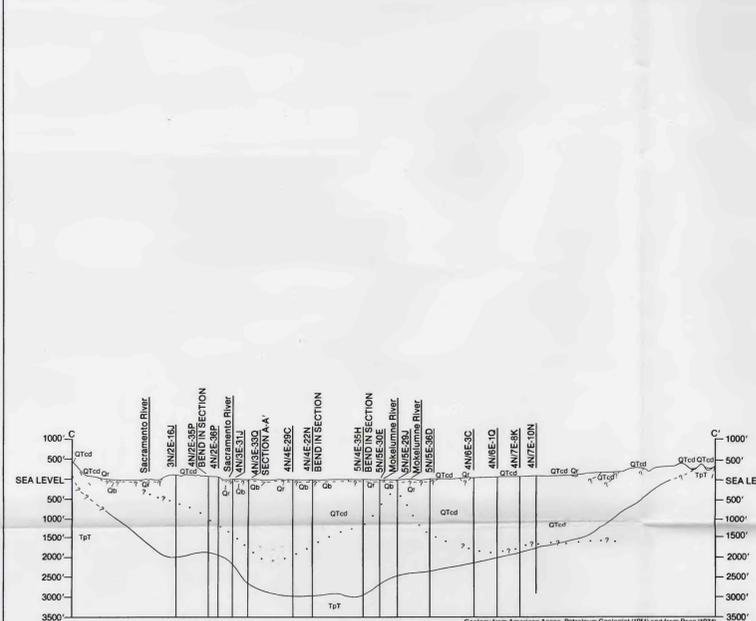
VERTICAL EXAGGERATION x 21



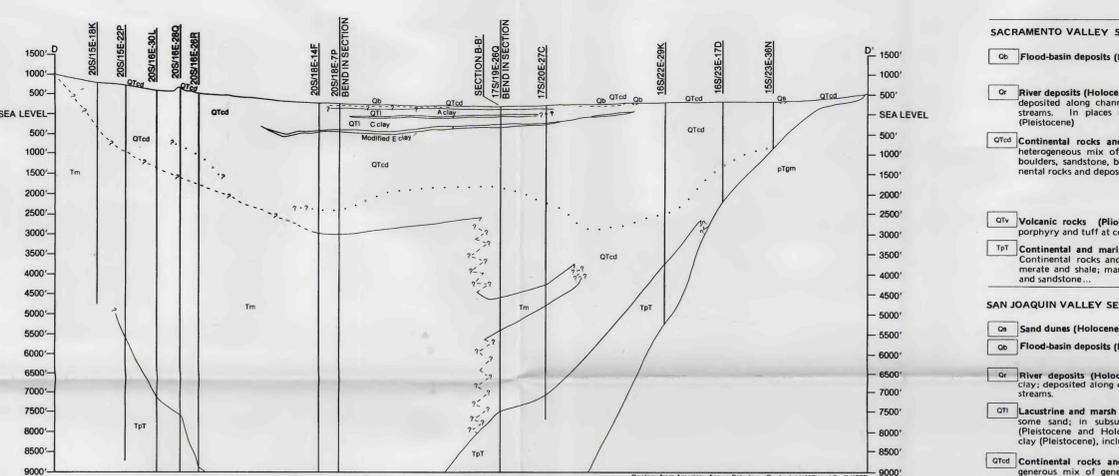
Geologic section B - B', San Joaquin Valley, California
(See Plate 2 for location of section)

CORRELATION OF SECTION UNITS

SACRAMENTO VALLEY			SAN JOAQUIN VALLEY		
Qb	Qr	Holocene	Qb	Qr	Holocene
Qtd	Qv	Oligocene to Holocene	Qtd	Qv	Pliocene to Holocene
Qv	TpT	Pliocene and Pleistocene	Tm	TpT	Eocene, Oligocene, Miocene, and Pliocene
TpT		Pre-Tertiary to Eocene	TpTm		Pre-Tertiary to Oligocene
					Pre-Tertiary



Geologic section C - C', Sacramento Valley, California
(See Plate 1 for location of section)



Geologic section D - D', San Joaquin Valley, California
(See Plate 2 for location of section)

DESCRIPTION OF SECTION UNITS

Section	Description
SACRAMENTO VALLEY SECTION A - A' and C - C'	Qb Flood-basin deposits (Holocene) Clay, silt, and some sand;
	Qr River deposits (Holocene) Gravel, sand, silt, and minor amounts of clay deposited along channels, flood plains, and natural levees of major streams. In places may include part of the Modesto Formation (Pleistocene)
	Qtd Continental rocks and deposits (Oligocene to Holocene) Chiefly heterogeneous mix of gravel, sand, silt, and clay, some cobbles and boulders, sandstone, breccia, and conglomerate. Principal unit, continental rocks and deposits (Pliocene to Holocene)...
	Qv Volcanic rocks (Pliocene and Pleistocene) Andesitic and rhyolitic porphyry and tuff at core of Sutter Buttes
SAN JOAQUIN VALLEY SECTION B - B' and D - D'	Qb Sand dunes (Holocene) Windblown sand and dune sand
	Qr River deposits (Holocene) Gravel, sand, silt, and minor amounts of clay; deposited along channels, flood plains, and natural levees of main streams.
	Qtd Lacustrine and marsh deposits (Pliocene to Holocene) Clay, silt, and some sand; in subsurface include three widespread clays: A clay (Pleistocene and Holocene), C clay (Pleistocene), and modified E clay (Pleistocene), includes Corcoran Clay Member of Tulare Formation
	Qtd Continental rocks and deposits (Oligocene to Holocene) Heterogeneous mix of generally poorly sorted clay, silt, sand, and gravel, some beds of claystone, siltstone, sandstone, and conglomerate...
DESCRIPTION OF SECTION UNITS (Continued)	Tm Marine rocks and deposits (Eocene, Oligocene, Miocene, and Pliocene) Sand, clay, silt, sandstone, shale, mudstone, and siltstone. On these sections include marine rocks and deposits of Miocene and Pliocene age only
	TpT Continental and marine rocks and deposits (Pre-Tertiary to Oligocene) Continental rocks and deposits of clay, shale, sand, sandstone and conglomerate; marine rocks and deposits of clay, shale, sandstone, and conglomerate...
	TpTm Granitic and metamorphic rocks (Pre-Tertiary) Granitic rocks with some mafic intrusive rocks, and metasedimentary and metavolcanic rocks. Include granitic rocks (Pre-Tertiary) and metamorphic rocks (Pre-Tertiary)
	Not present

GEOLOGIC SECTIONS A - A' THROUGH D - D', SACRAMENTO VALLEY AND SAN JOAQUIN VALLEY, CALIFORNIA