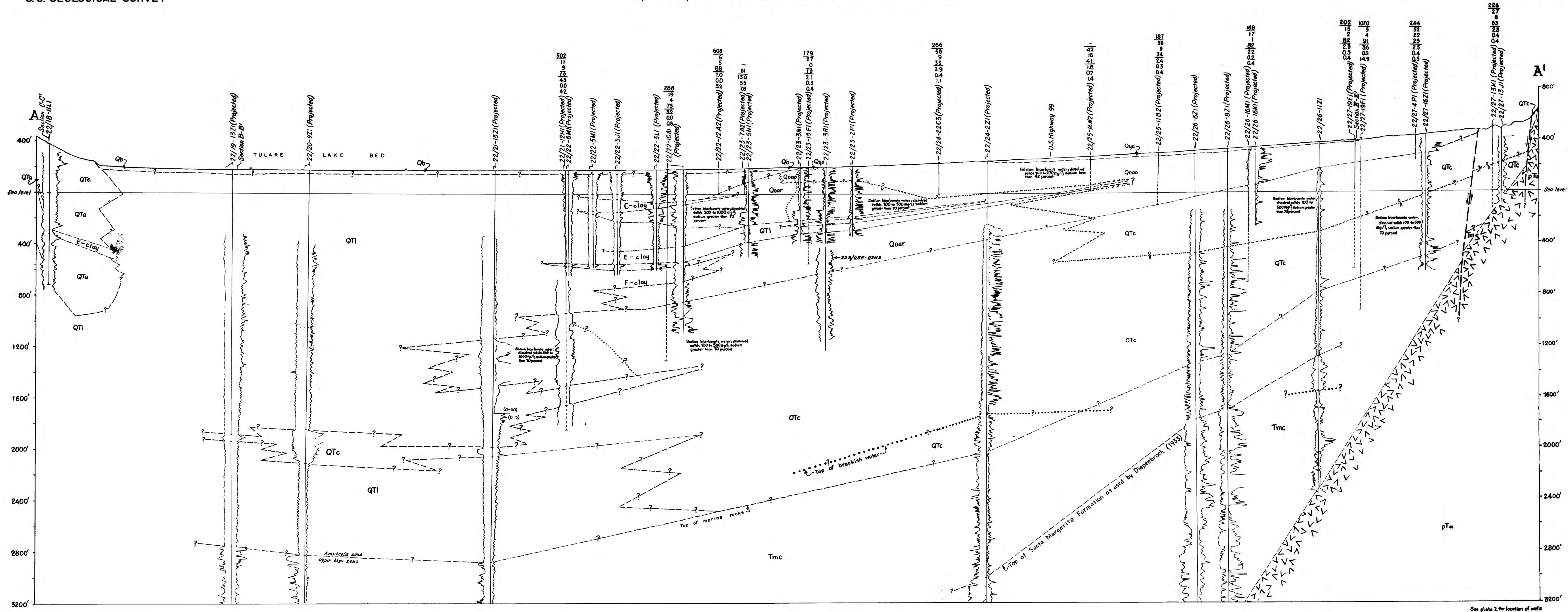




5 4 3 2 1 0 5 Miles
Vertical scale is approximately 26 1/2 times horizontal scale

GEOLOGIC SECTION A-A'

EXPLANATION

UNCONSOLIDATED DEPOSITS

WEST SIDE Coast Ranges Provenance	EAST SIDE Sierra Nevada Provenance
Recent Flood-basin deposits Qb	Younger alluvium Qya
Older alluvium Qoao-oxidized Qoar-reduced	Older alluvium Qoao-oxidized Qoar-reduced
Alluvium, undifferentiated QTa	Continental deposits QTC
Lacustrine and marsh deposits QTI	

CONSOLIDATED ROCKS

TERTIARY	PRE-TERTIARY
Marine and continental rocks Tmc	Basement complex pTu

LEGEND:

- Lithologic contact (dashed line with question marks)
- Queried where evidence is not conclusive
- Inferred Fault (line with arrows)
- Arrows indicate direction of movement
- Contact between oxidized (o) and reduced (R) deposits (dashed line with 'o' and 'R')
- Water-quality boundary (dotted line)
- Queried where data are lacking or evidence is not conclusive
- Well (vertical line)
- Dashed line indicates perforated interval

WATER QUALITY DATA:

202 dissolved solids (mg/l)
15 percent calcium
2 percent magnesium
82 percent sodium
2.3 carbonate and bicarbonate (epm)
0.5 sulfate (epm)
0.4 chloride (epm)