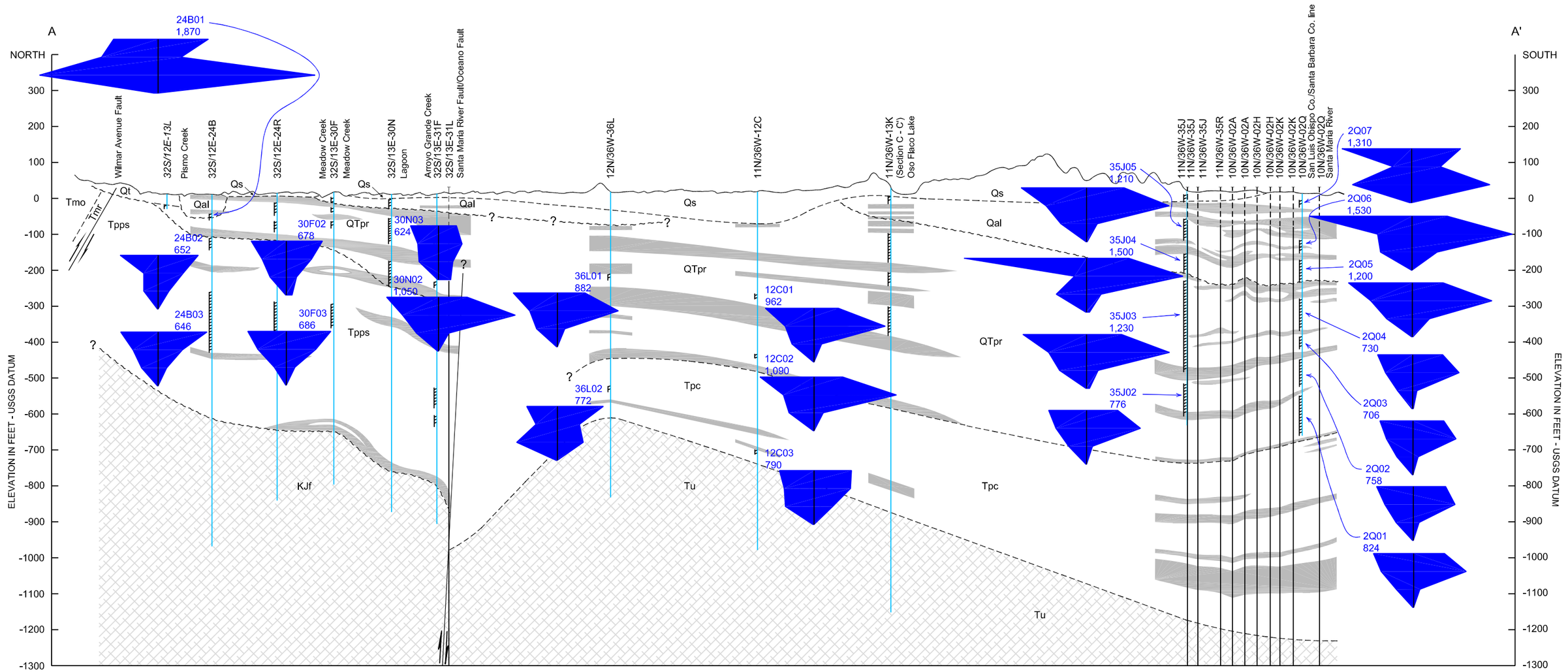
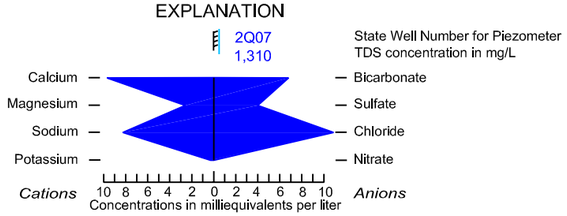


EXPLANATION



Groundwater sampled in March 1996. The shape of the Stiff diagram indicates the chemical composition. Differences in diagram configuration reflect differences in chemical composition. The size of the diagram is an indication of Total Dissolved Solids concentration.

WATER RESOURCES OF THE

ARROYO GRANDE - NIPOMO MESA AREA

◇◇◇

Formation and Symbol

Qs	Dune Sand
Qal	Alluvial Deposits
Qt	Terrace Deposits
QTpr	Paso Robles Formation
Tpc	Careaga Formation
Tpps	Squire Member, Pismo Formation
Tmo	Obispo Formation
Tmr	Rincon Formation
Tu	Undifferentiated Tertiary Deposits
KJf	Franciscan Complex

12N/36W-36L — Water well with electric and geologic log

32S/12E-13L — Water well with geologic log

10N/36W-02G — Oil well with electric log, dashed above record

Hydrogeologic Unit

Unconsolidated to weakly cemented clayey silt to silty clay with minor sand and gravel

Unconsolidated to weakly cemented sand, gravel, silt, sandstone with minor clay and silty clay

Bedrock

Perforated interval

Fault, arrows indicate relative vertical movement

Unconformity

Contact

Note: References include: Department of Water Resources, 1970; Buchanan-Banks et al., 1978; Hall, 1981; Nitchman, 1988; Hanson et al., 1994; Lettis et al., 1994.

Location of geologic section shown on Plate 2

Vertical scale 20 times horizontal scale

Horizontal scale in feet

4000 0 4000

PLATE 16 - VERTICAL VARIATION IN GROUNDWATER QUALITY