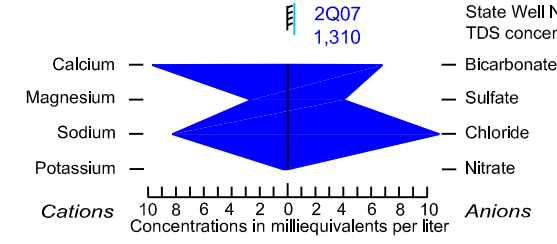


**EXPLANATION**



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.

**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

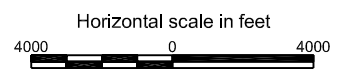
**Hydrogeologic Unit**

[Symbol]	Unconsolidated to weakly cemented clayey silt to silty clay with minor sand and gravel
[Symbol]	Unconsolidated to weakly cemented sand, gravel, silt, sandstone with minor clay and silty clay
[Symbol]	Bedrock

[Symbol]	Perforated interval
[Symbol]	Fault, arrows indicate relative vertical movement
[Symbol]	Unconformity
[Symbol]	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



**WATER RESOURCES OF THE ARROYO GRANDE - NIPOMO MESA AREA**

**PLATE 16 - VERTICAL VARIATION IN GROUNDWATER QUALITY**