

Geologic section A-A'

CORRELATION OF SECTION UNITS

Qr	Holocene	QUATERNARY
Qv	Pleistocene	
QTI	Pleistocene and Pliocene (?)	QUATERNARY AND TERTIARY (?)
Tsv	Pliocene and Eocene (?)	TERTIARY
Ts	Oligocene (?) and Eocene	
Tfg		
pT	pre-Tertiary	MESOZOIC AND PALEOZOIC

DESCRIPTION OF SECTION UNITS

- Qr** RIVER DEPOSITS (HOLOCENE)—Sand, gravel, silt and minor amounts of clay along channels, flood plains, and natural levees of streams
- Qv** VICTOR FORMATION AND RELATED DEPOSITS (PLEISTOCENE)—Lenticular silt, gravel, and clay deposited by streams draining the Sierra Nevada
- QTI** LAGUNA FORMATION AND RELATED CONTINENTAL DEPOSITS (PLEISTOCENE AND PIOCENE ?)—Silt, sand, clay, and unsorted gravel
- Tsv** VOLCANIC ROCKS FROM THE SIERRA NEVADA (PLIOCENE AND EOCENE ?)—Poorly to well consolidated fluvial volcanic siltstone, sandstone, conglomerate, and shale; volcanic breccia, tuff breccia, and tuff; predominantly andesitic and rhyolitic; andesitic at Reeds Creek
- Ts** UNDIFFERENTIATED SEDIMENTARY ROCKS (OLIGOCENE ? AND EOCENE)—Marine, nonmarine, and deltaic sedimentary rocks; sand, clay, conglomerate, sandstone, tuff breccia, siltstone, and shale
- Tfg** FINE-GRAINED SEDIMENTARY ROCKS (OLIGOCENE ? AND EOCENE)—Clay, sandy clay, silty clay, sand, and claystone
- pT** BASEMENT COMPLEX OF THE SIERRA NEVADA (PRE-TERTIARY)—Metamorphosed igneous and sedimentary rocks and intrusive igneous rocks

EXPLANATION

- ?— STRATIGRAPHIC UNIT CONTACT—Approximately located; queried where data are inconclusive
- ?— WATER QUALITY LINE—Below line dissolved solids are estimated to be larger than 700 mg/L; queried where data are inconclusive

CHEMICAL DATA

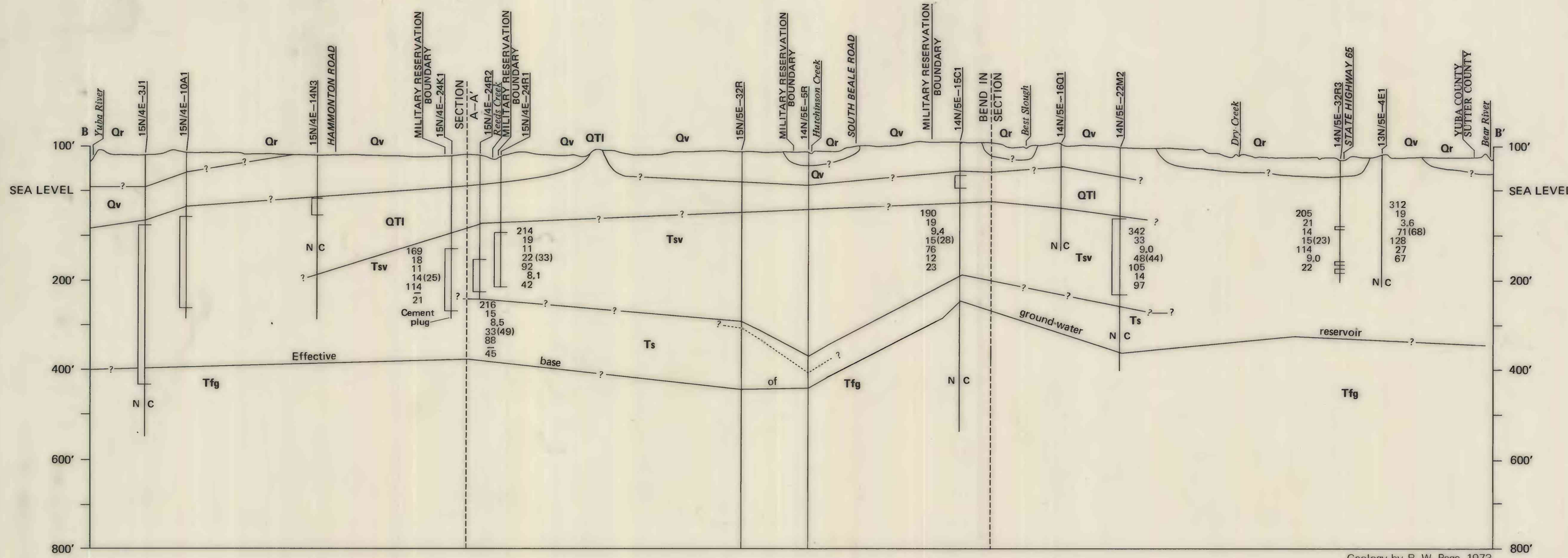
160	Dissolved solids (mg/L)
11	Ca (mg/L)
6.2	Mg (mg/L)
14(36)	Na (mg/L) (percent Sodium)
74	HCO ₃ (mg/L)
8.0	SO ₄ (mg/L)
14	Cl (mg/L)
mg/L	Milligrams per liter

WELL SYMBOLS

- 15N/5E-19F1 Well number
- N C No casing
- Perforated casing



VERTICAL EXAGGERATION x 26



Geologic section B-B'

Geology by R. W. Page, 1973 and 1977

GEOLOGIC SECTIONS, SHOWING WATER QUALITY