

EXPLANATION

UNCONSOLIDATED DEPOSITS EAST SIDE Sierra Nevada Provenance

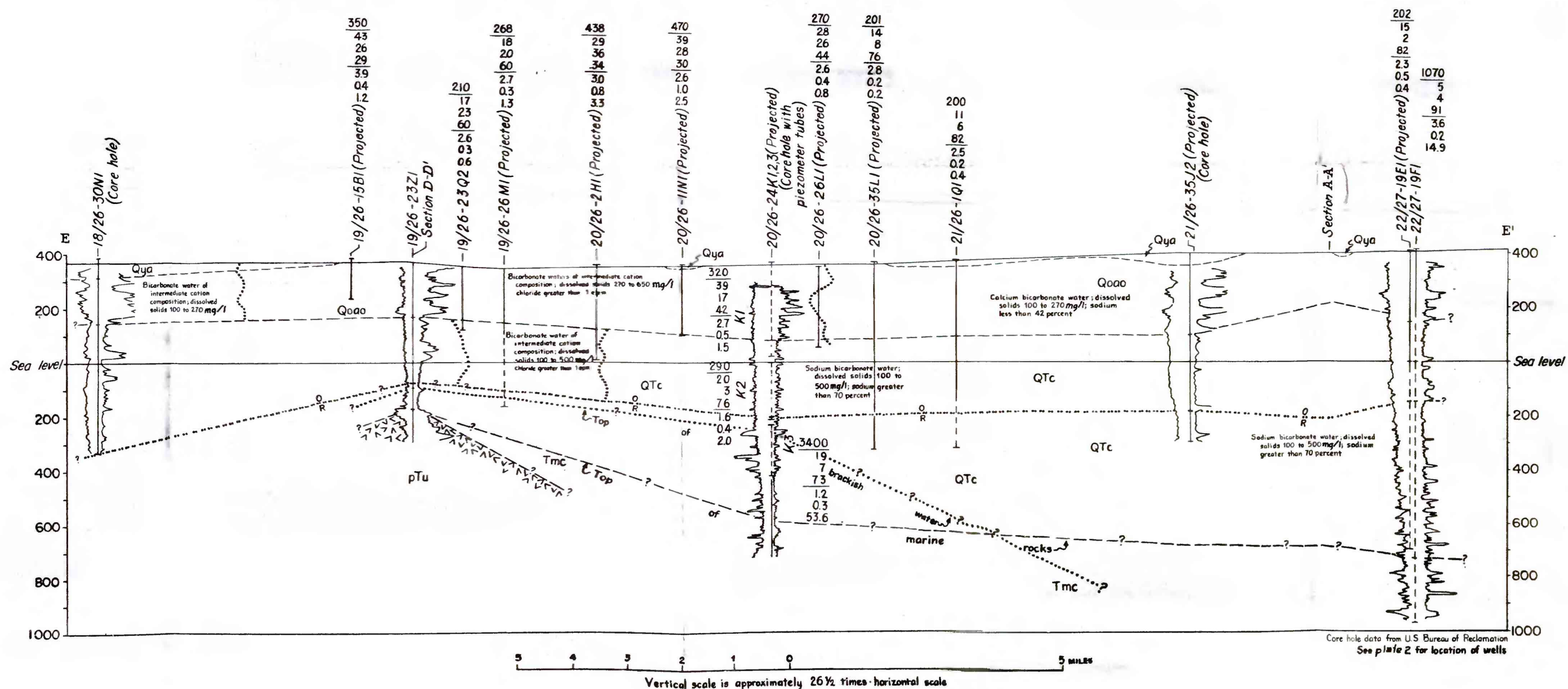
- Recent** (QUATERNARY): Qya (Younger alluvium)
- Pleistocene and Recent(?)** (QUATERNARY): Q000 (Older alluvium Oxidized)
- Pliocene and Pleistocene(?)** (TERTIARY and QUATERNARY?): QTc (Continental deposits)

CONSOLIDATED DEPOSITS

- TERTIARY**: Tmc (Marine and continental rocks)
- PRE-TERTIARY**: pTu (Basement complex)

Other Symbols:

- ?---: Lithologic contact
- - - - -: Contact between oxidized (O) and reduced (R) deposits
- - - - -: Inferred fault
- >---: Arrows indicate direction of movement
-: Water quality boundary
- : Well
- - - - -: Dashed line indicates perforated interval



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)

GEOLOGIC SECTIONS D-D' AND E-E'

Vertical scale is approximately 26 1/2 times horizontal scale

Core hole data from U.S. Bureau of Reclamation
 See plate 2 for location of wells