EXPLANATION

- Open-pit gold mine—Locations refer to Betze (B), Carlin (C), Genesis (G), and Gold Quarry (Q) Mines.
- Fault—Dotted where concealed. Name indicates fault discussed in text. May either impede movement of ground water or function as conduit for flow depending on rock types on either side.
- Hydrographic-area boundary.
- Lines of equal water-level change—Dashed where inferred; interval variable.
- Well—Designations refer to well discussed in text.
  - Measured by mining company—Completed in basin-fill deposits.
  - Measured by mining company—Completed in volcanic rocks.
  - Measured by USGS or Nevada Division of Water Resources—Mostly completed in basin-fill deposits.

Spring in northern Boulder Flat—Did not exist prior to infilling at TS Ranch Reservoir.

HYDROGEOLOGIC MAP, CARLIN TREND AREA, NORTH-CENTRAL NEVADA
By Russell W. Plume.