



EXPLANATION

- Flood-plain deposits of the West Walker River
- Dune sand
- Alluvial-fan deposits along west side of Smith Valley
- Younger valley fill. Includes fine lacustrine or fluvial deposits exposed in bluffs or steep slopes along the West Walker River and in the stripped area and bluffs southeast and south of the alkali flat. Ordinarily of Quaternary age but, locally, west of Wilson Canyon, is of late Tertiary age
- Older valley fill undifferentiated. Includes basin sediments ranging in age from late Tertiary to Recent. Generally unconsolidated to slightly consolidated, silty fine sand, sand, clay, and some gravel. Deposited under lacustrine, fluvial, and subaerial conditions
- Bedrock. Includes Triassic sedimentary and volcanic rocks; Cretaceous(?) intrusive, generally quartz monzonite rocks; breccia, tuffs, and lavas of Tertiary age. Locally, in the vicinity of Wilson Canyon, Hoyer Canyon, and in the mountains at the north end of the valley, late Tertiary sedimentary rocks are included

--- Contact of bedrock and valley fill, approximately located

--- Drainage boundary, approximately located

--- Boundary of mapped units of valley fill, approximately located

--- County boundary, approximately located

▲ Gaging station

Recent
QUATERNARY
TERTIARY AND QUATERNARY
TRIASSIC TO TERTIARY

GEOLOGY AND GROUND-WATER RESOURCES OF SMITH VALLEY, LYON AND DOUGLAS COUNTIES, NEVADA

