UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-SUPPLY PAPER 1779-S
PLATE 1

EXPLANATION

Qal — Younger alluvium
Qal, fluviatile deposits; include sand and gravel of moderate to high permeability
Qf, fanglomerate, and fluviatile deposits in the mountains; includes sand and gravel of moderate permeability and slope wash of low permeability
Ql, lacustrine deposits; include clay and silt of low permeability and stringers of sand and gravel of moderate to high permeability; locally include fluviatile material

Pleistocene — QUATERNARY

QTa — Older alluvium
Sand and gravel of moderate to low permeability, and clay and silt of low permeability

Pliocene and Pleistocene — TERTIARY AND QUATERNARY

Tt — Truckee Formation
Unconsolidated and partly consolidated diatomite, diatomaceous clay and silt, sand, gravel, and tuff; low permeability

Pliocene — TERTIARY

cr, crb — Consolidated rocks
cr, sedimentary, igneous, and metamorphic rocks; virtually no interstitial permeability
crb, bleached rocks; hydrothermally mineralized rocks altered to clay, quartz, and opal owing to the oxidation and hydration of metallic sulfide minerals; virtually no interstitial permeability

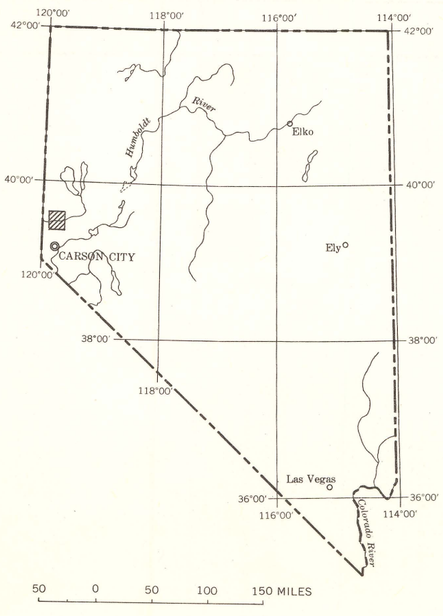
Triassic(?) to Pleistocene — TRIASSIC(?), TERTIARY AND QUATERNARY

Contact
Dashed where approximately located

Well

Flowing well

Spring

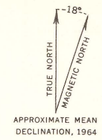


INDEX MAP SHOWING AREA OF THIS REPORT

Topography from U.S. Geological Survey Mt. Rose, 1952; Reno, 1951; Spanish Springs, 1957; and Virginia City, 1952, quadrangles

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.— 1964 —W 63457

All geology north of 39°30′ and Quaternary geology south of 39°30′ by Philip Cohen and Omar J. Loeltz. Geology of Tertiary and older rocks south of 39°30′ generalized from Thompson (1956) and Thompson and White (1964)



APPROXIMATE MEAN DECLINATION, 1964

RECONNAISSANCE GEOLOGIC MAP OF THE TRUCKEE MEADOWS AREA, WASHOE COUNTY NEVADA, SHOWING THE LOCATION OF SELECTED WELLS AND SPRINGS

SCALE 1:62 500

1 ½ 0 1 2 3 4 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL