Mapped, edited, and published by the Geological Survey

SCALE 1:24 000

1 ½ 0 1 MILE

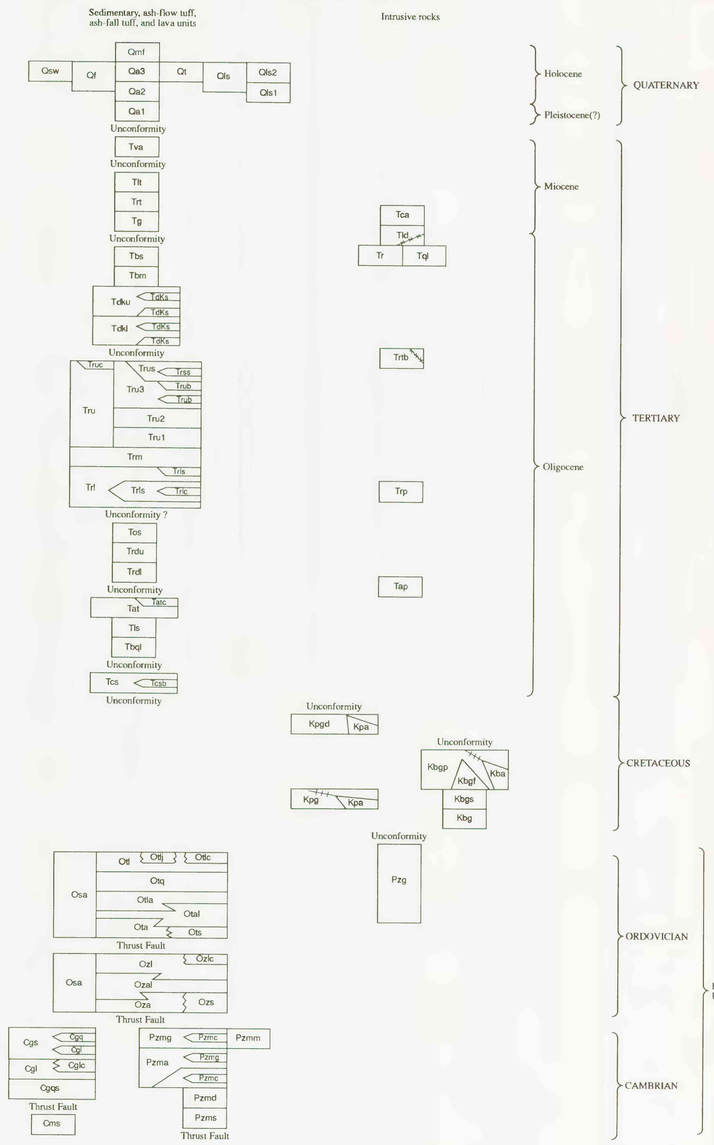
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20 FOOT COUNTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

NEVADA

Geology mapped by D.R. Shawe, August 1977, June - August 1981, July - September 1982, August 1991

CORRELATION OF MAP UNITS



MAP SYMBOLS

[Queries on map symbols indicate uncertain assignment]

Contact--Dashed where uncertain; dotted where concealed. Arrow shows dip. Contact within a map unit generally shows layering

High-angle fault--Dotted where concealed. Symbol on downthrown side. Arrow shows dip

Thrust fault--Dashed where approximately located; dotted where concealed; queried where uncertain. Arrow shows dip. Teeth on upper plate

Strike and dip of layered rocks

Layered rocks, in part schistose, showing dip. Arrow shows direction and plunge of lineation

Schistose layered rocks. Double arrows show horizontal lineation

Vertical layered rocks. Arrow shows plunge of lineation

Vertical layered rocks. Double arrows show horizontal lineation

Overturned layered rocks

Strike and dip of foliation

Schist or flow-laminated rhyolite. Arrow shows direction and plunge of lineation

Overturned foliated rocks

Vertical foliated rocks. Arrow shows plunge of lineation

Shear foliation in granite

Vertical shear foliation in granite

Anticline--Showing trace of axial plane and plunge of axis

Syncline--Showing trace of axial plane and plunge of axis

Fold axis--Showing trend and plunge, and dip of limbs

Minor fold axis--Showing trend and plunge

Quartz vein--Arrow shows dip; cross on vertical vein

Aplite dike--Arrow shows dip; cross on vertical dike

Volcanic dike

Mylonite layer--Showing dip; arrow shows direction and plunge of lineation. One to two meters thick. Queried long-dashed line shows uncertain projection of the layer based on measured attitudes and sparse mylonite float. Observed in Kbgp in northeast corner of the quadrangle

Field station--Location of recorded observation, measurement, or collection of rock sample

This map is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards nor with the North American stratigraphic code.

GEOLOGIC MAP OF THE BELMONT WEST 7 1/2 - MINUTE QUADRANGLE NYE COUNTY, NEVADA

By
Daniel R. Shawe

1992