



Base from U.S. Geological Survey, 1970
Projection and 10,000-meter grid, zone 10: Universal
Transverse Mercator
60,000 grid ticks based on Washington coordinate
system, north zone
1927 North American datum

UTM GRID AND 1978 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:100,000
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
THOUSAND FEET

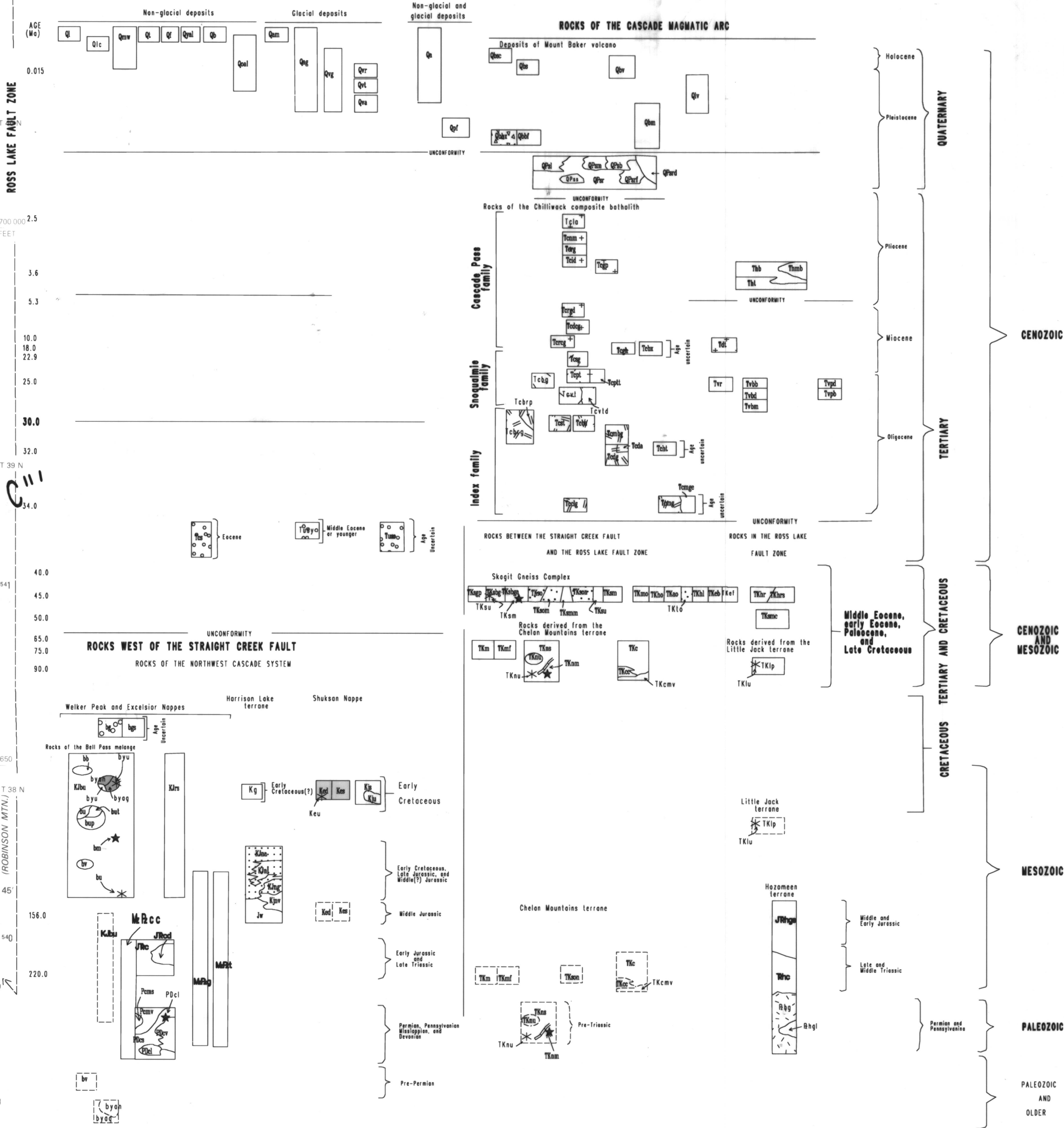
STRAIT CREEK
FAULT ZONE

WASHINGTON
QUADRANGLE LOCATION

Geology mapped by R.W.Tabor (1966-1967, 1984-1985), E.H.Brown (1971-1980), R.J.Haugerud (1978-1979, 1980-1972),
D.B.Booth (1984-1985), M.H.Ovi (1986-1987), Patricia Goldberger (1989), Carolyn Orinberger (1985-1986),
James Shaw and Robert Vetter (1988), Kathleen Wagner (1987-1988), Scott Spivey (1987),
Eric Roth, (1988), Kris Alvarez (1989-1991), Tom Grundy (1990), David Weber and Jim Montgomery (1991),
Chad Nelson and Cathryn Dwyer (1992)

Explanatory pamphlet accompanies map

CORRELATION OF UNITS



NOTE: Lithodemic units are shown by their metamorphic
or assemblage age. Dashed boxes show the protolith age.

EXPLANATION OF SYMBOLS

- CONTACT --Dashed where inferred, dotted where concealed,
dashed where uncertain or gradational.
- HIGH-ANGLE FAULT --Dashed where inferred, dotted where concealed
- THRUST FAULT --Dashed where inferred, dotted where concealed,
Seawards on upper plate.
- EXTENSIONAL FAULT -- Dashed where inferred, dotted where concealed
- STRIKE AND DIP OF BEDDING --Bull on end of strike line indicates
Inclined
Overturned
Vertical
- STRIKE AND DIP OF FOLIATION --in igneous and metamorphic rocks
Inclined
Vertical
- BEARING AND PLUNGE OF LINEATION --May be combined
with other symbols
Inclined
Horizontal
- 75 ▲ DATED SAMPLE LOCALITY --See Table 2
- 13f * FOSSIL LOCALITY --See Table 1
- * Outcrop of ultramafic rock too small
to show at map scale
- * Outcrop of limestone or marble too small
to show at map scale; also shown with symbol for
local locality

This report is preliminary and has not been reviewed for conformity
with U.S. Geological Survey editorial standards and stratigraphic nomenclature.
Any use of trade names is for descriptive purposes only and does not imply
endorsement by the USGS.

Preliminary Geologic Map of the
Mount Baker 30 x 60 Minute Quadrangle, Washington
by R.W.Tabor, R.A.Haugerud, D.B.Booth, and E.H.Brown