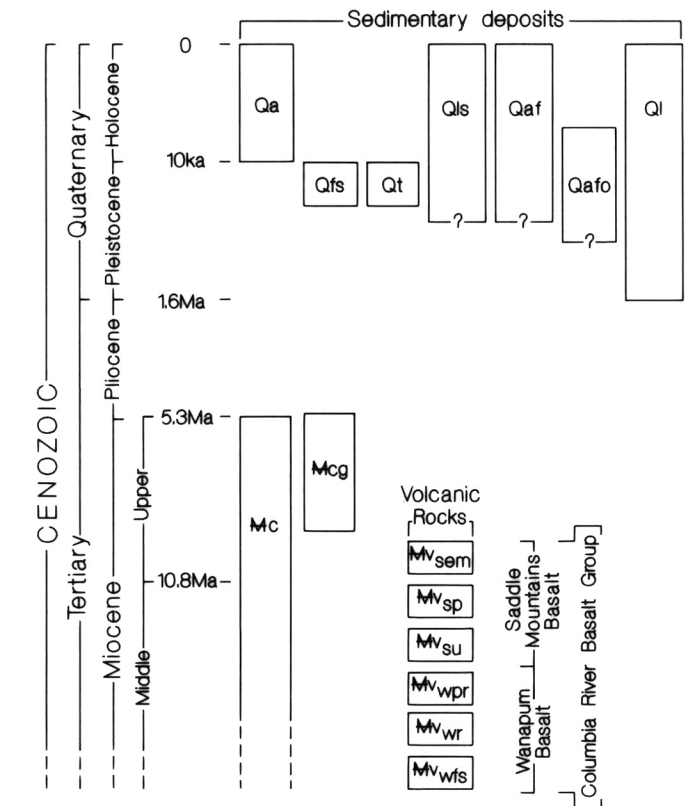


CORRELATION DIAGRAM



GEOLOGIC UNITS

SEDIMENTARY DEPOSITS

QUATERNARY SEDIMENTARY DEPOSITS

- Qa Alluvium (Holocene to Pleistocene)
- Qls Mass-wasting deposits (Holocene to Pleistocene)
- Ql Loess (Holocene to Pleistocene)
- Qaf Alluvial fans (Holocene to Pleistocene)
- Qafo Older alluvial fans (Holocene to Pleistocene)
- Qfs Outburst flood deposits, silt and sand (Pleistocene)
- Qt Terrace deposits (Pleistocene)

TERTIARY SEDIMENTARY DEPOSITS

- Mc Continental sedimentary deposits (upper and middle Miocene)
- Mcg Continental sedimentary deposits, conglomerate (upper Miocene)

TERTIARY VOLCANIC ROCKS

COLUMBIA RIVER BASALT GROUP

SADDLE MOUNTAINS BASALT

- Mvsem Elephant Mountain Member (upper Miocene)
- Mvsp Pomona Member (middle Miocene)
- Mvsu Umatilla Member (middle Miocene)

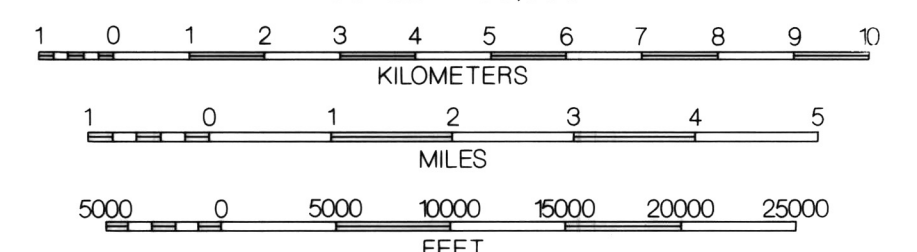
WANAPUM BASALT (MIDDLE MIOCENE)

- Mvwpri Priest Rapids Member
- Mvwr Roza Member
- Mvws Frenchman Springs Member

EXPLANATION

- contact.
- scratch boundary (unresolved differences between source maps).
- normal fault, dotted where concealed, bar and ball on downthrown side.
- thrust fault, dotted where concealed, teeth on upper plate.
- strike-slip fault, dotted where concealed, arrows show relative movement.
- anticline, dotted where concealed, showing plunge direction.
- syncline, dotted where concealed, showing plunge direction.
- monocline, dotted where concealed, arrow on steeper limb.
- strike and dip of inclined beds.
- same geologic unit.

SCALE 1:100,000



CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
PROJECTION AND 10,000-METER GRID, ZONE 11:
UNIVERSAL TRANSVERSE MERCATOR
25,000-FOOT GRID TICKS BASED ON WASHINGTON COORDINATE
SYSTEM, SOUTH ZONE
1927 NORTH AMERICAN DATUM
BASE MAP BY USGS
EDITED - 1979

GEOLOGIC MAP OF THE EAST HALF OF THE TOPPENISH 1:100,000 QUADRANGLE, WASHINGTON

Compiled by

J. ERIC SCHUSTER
JUNE 1994

