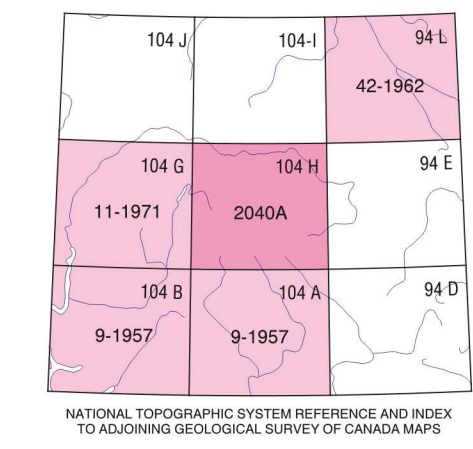


Geology by C.A. Ewenchick (1985-1990, 1992), D.J. Thorselson (1986, 1987), P.S. Mustard (1988, 1992), C.F. Roots (1988), and G.M. Green (1989, 1990). Geological compilation by C.A. Ewenchick and D.J. Thorselson (1999). Digital cartography by C.L. Wagner, R. Cocking, S. Churchill, and M. Sigoun, Earth Science Sector Information Division (ESS Info), D. Chan, D. Dunn, C. Ewenchick, and T. Feeney, Geological Survey of Canada.

MAP 2040A GEOLOGY OF THE SPATSIZI RIVER BRITISH COLUMBIA Scale 1:250 000/Echelle 1/250 000. Includes a scale bar and projection information: Universal Transverse Mercator Projection, North American Datum 1927.

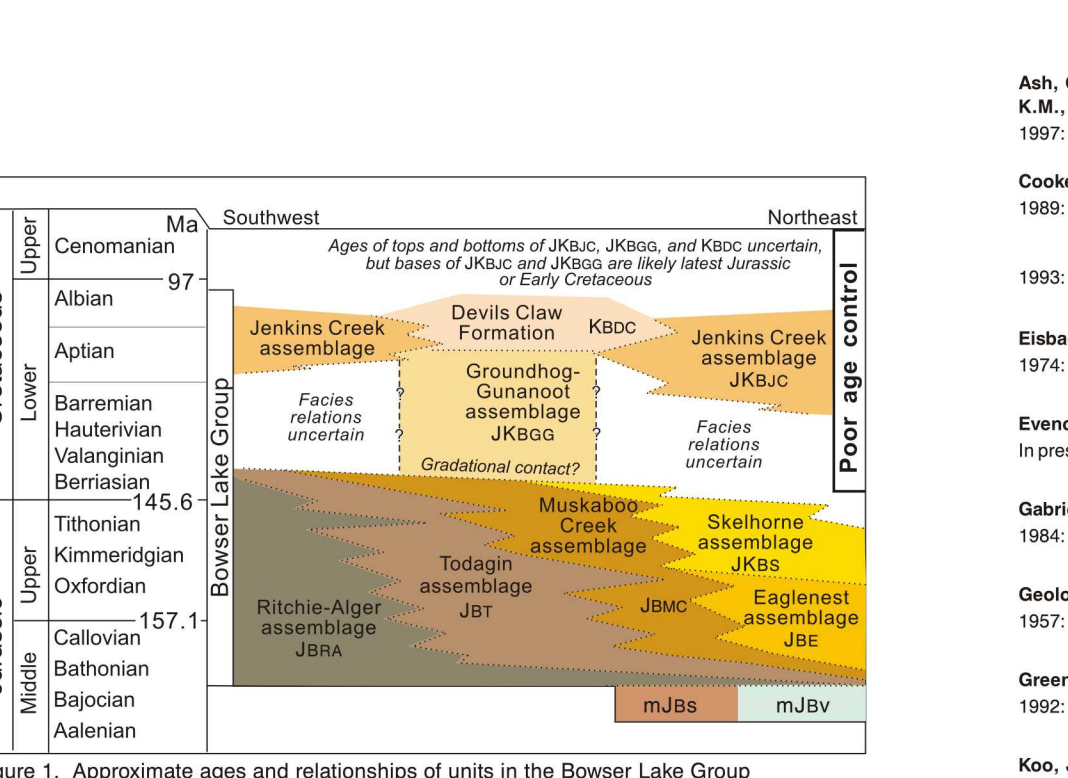
Digital base map from data compiled by Geomatics Canada, modified by ESS Info. Mean magnetic declination 2004, 23°44' E, decreasing 15.4' annually. Readings vary from 23°23' E in the southeast corner to 24°01' E in the northwest corner of the map. Elevation in feet above mean sea level. Contour interval 500 feet.



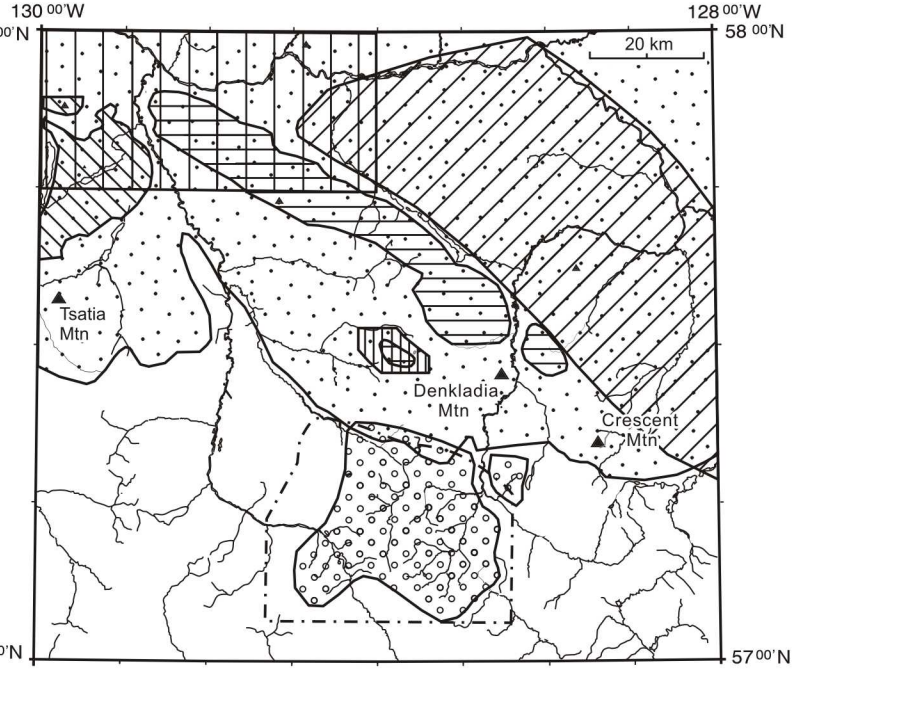
LEGEND. Table listing geological units and their descriptions, categorized by geological period: QUATERNARY, CENOZOIC (PLEISTOCENE AND PLEISTOCENE, TERTIARY, PLOCENE, CRETACEOUS, JURASSIC AND CRETACEOUS, JURASSIC), MESOZOIC (UPPER JURASSIC, MIDDLE JURASSIC, LOWER MIDDLE JURASSIC, LOWER JURASSIC), and TRIASSIC (UPPER TRIASSIC TO LOWER JURASSIC).

LEGEND. Table listing geological units and their descriptions, categorized by geological period: LOWER AND LOWER MIDDLE JURASSIC HAZELTON GROUP, LATE TRIASSIC, MESOZOIC (MIDDLE TO LATE TRIASSIC, LOWER AND MIDDLE TRIASSIC), CARBONIFEROUS TO PERMIAN, EARLY CARBONIFEROUS MISSISSIPPIAN, CARBONIFEROUS AND (?), and PALEOZOIC (Gossan).

LEGEND. Table listing geological units and their descriptions, categorized by geological period: LATE TRIASSIC, MESOZOIC (MIDDLE TO LATE TRIASSIC, LOWER AND MIDDLE TRIASSIC), CARBONIFEROUS TO PERMIAN, EARLY CARBONIFEROUS MISSISSIPPIAN, CARBONIFEROUS AND (?), and PALEOZOIC (Gossan).



Geological boundary (defined, approximate, assumed or inferred beneath unit Q). Trace of individual beds from ground observation and airphoto interpretation. Fault, unknown displacement (defined, approximate, assumed or inferred beneath unit Q). Thrust fault (defined, approximate, assumed or inferred beneath unit Q). Normal fault (defined, approximate, assumed or inferred beneath unit Q). Steeply dipping fault, dip unknown (defined, approximate, assumed or inferred beneath unit Q). Anticline, trace of axial surface (defined, approximate, overturned; arrow on line indicates direction of plunge). Syncline, trace of axial surface (defined, approximate; arrow on line indicates direction of plunge). Syncline, overturned, trace of axial surface (defined, approximate; arrow on line indicates direction of plunge). Open, inclined anticline, trace of axial surface (defined, approximate); long arrow points in direction of dip of axial surface. Open, inclined syncline, trace of axial surface (defined, approximate); long arrow points in direction of dip of axial surface. Bedding (horizontal, inclined, vertical, overturned). Cleavage (inclined). Maitland Volcanic necks (Pliocene). Spatsizi Plateau Wilderness Provincial Park boundary. Road, track, trail. Conglomerate. Isokelf.



Previous map of entire area was by Geological Survey of Canada (1957). Sources of information for this compilation are mapping by C.A. Ewenchick, 1985-1990; 1992; D.J. Thorselson, 1986, 1987; P.S. Mustard, 1988, 1992; C.F. Roots, 1988; G.M. Green, 1989, 1990, 1992; and maps of the area shown above. See Ewenchick and Thorselson (in press) for details of U-Pb and K-Ar ages. Dates in parentheses are years of publications. Other dates are years of fieldwork from which fieldnotes are the source of information. Figure 2. Sources of information.

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