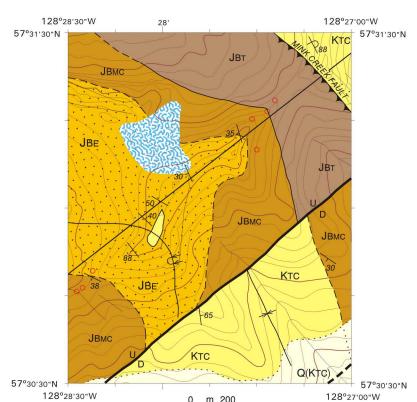


Hauterivian Valanginian Berriasian 145.6

Tithonian

Oxfordian

ัช Kimmeridgian



GRIFFITH CREEK VOLCANICS (units JHgf-JHgm)

provided in Evenchick and Thorkelson (in press a).

quartz or hornblende.

UPPER TRIASSIC TO LOWER JURASSIC

and Thorkelson (in press a).

Mafic lava flows, mainly with phenocrysts of plagioclase and augite or hornblende, minor welded ignimbrite and felsic sills, some hosting grains of feldspar, biotite,

Felsic to intermediate sills, ignimbrite, and air-fall tuff, some units rich in plagioclase,

Undivided Stuhini Group, Griffith Creek volcanics, and coarse clastic rock; the latter is

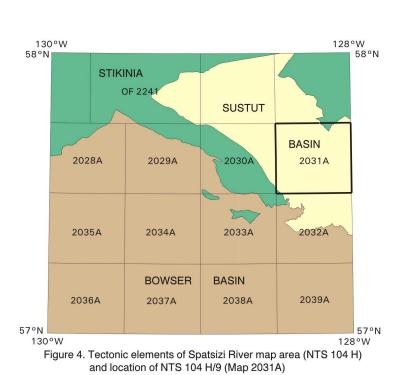
volcanic breccia (unit TJc on adjoining maps); full description provided in Evenchick

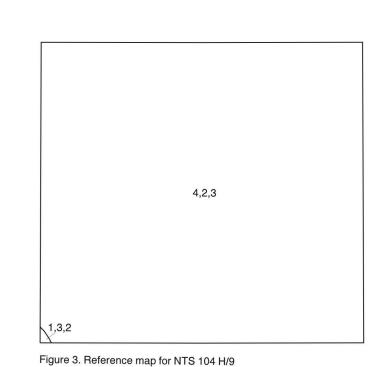
Undivided Stuhini Group, Griffith Creek volcanics, Cold Fish Volcanics, and coarse clastic rock; the latter is primarily volcanic and granitoid conglomerate, but includes sandstone, shale, and volcanic breccia (unit TJc on adjoining maps); full description

primarily volcanic and granitoid conglomerate, but includes sandstone, shale, and

biotite, hornblende, or quartz, minor epiclastic rocks and mafic lava.

0 m 200 Figure 2. Detail of area with high density of fossil locations





Note: not all units on this figure appear on this map; refer to Evenchick and Thorkelson (in press) for descriptions

Figure 1. Approximate ages and relationships of units in the Bowser Lake Group

Ages of tops and bottoms of JKBJC, JKBGG, and KBDC uncertain, but bases of JKBJC and JKBGG are likely latest Jurassic or Early Cretaceous

Sources of information for this compilation are geological mapping by 1) D.J. Thorkelson, 1986, 1987, (1992); 2) C.A. Evenchick, 1985, 1988, 1989; 3) H. Gabrielse and H.W. Tipper, 1983, (1984); and 4) Eisbacher (1974). Dates in

parentheses are years of publications. Other dates are years of fieldwork from which fieldnotes are the source of Previous geological maps of the region are by Geological Survey of Canada (1957), Eisbacher (1974), Gabrielse and Tipper (1984), and Thorkelson (1992).

Geology of the surrounding region (NTS 104 H) and descriptive notes are given by Evenchick and Thorkelson (in

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