

LEGEND

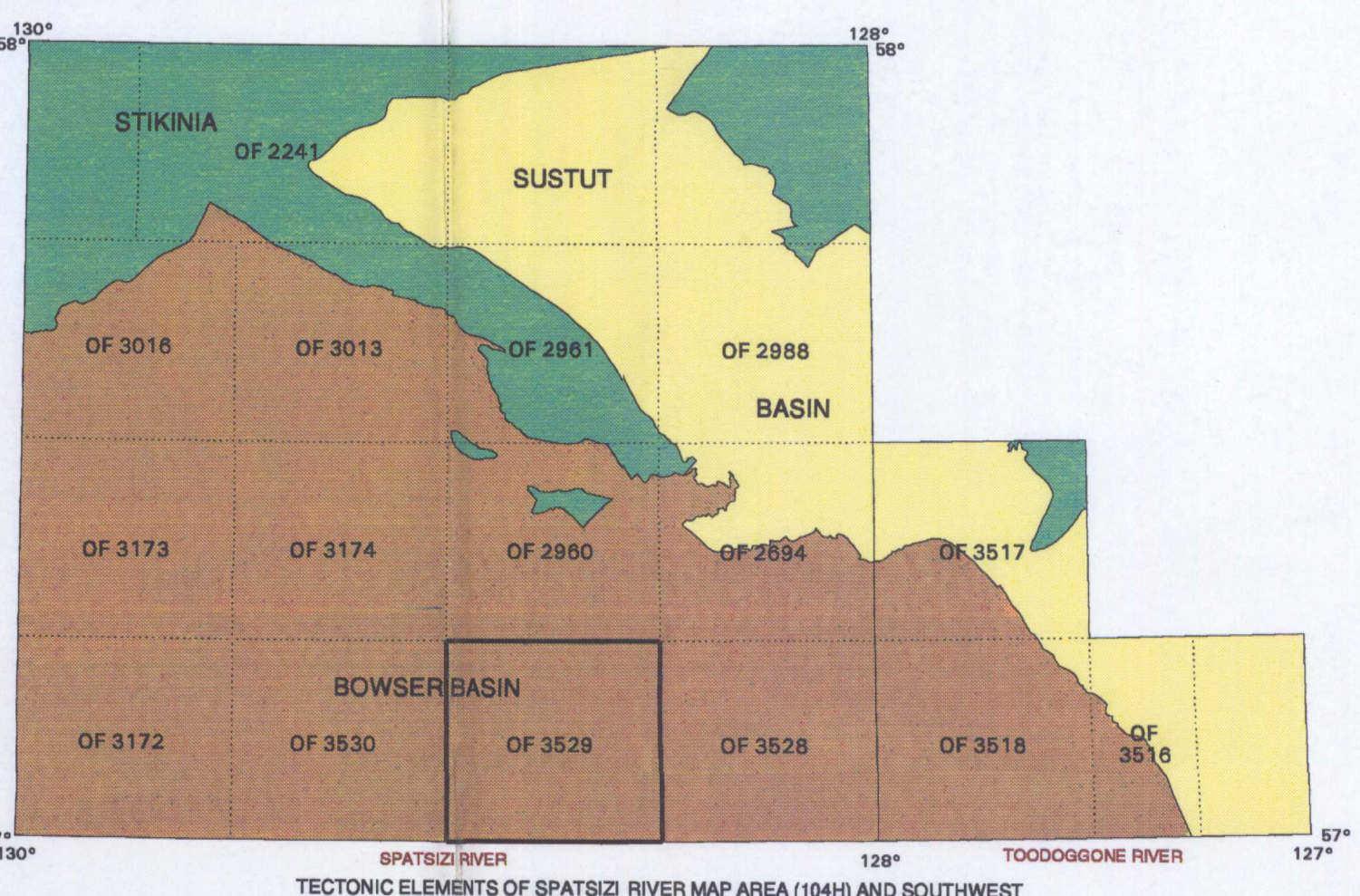
QUATERNARY
PLEISTOCENE AND RECENT
Q Glacial till, alluvium; unit designators in parentheses are assumed to underlie Quaternary sediments

PLEISTOCENE
QPb Pillow basalt

MESOZOIC
CRETACEOUS
LOWER CRETACEOUS
BOWSER LAKE GROUP
KBDC DEVILS CLAW FORMATION: conglomerates, sandstone, siltstone; plant fossils; unit is more than 60% conglomerate in laterally continuous sheets

JURASSIC AND CRETACEOUS
UPPER JURASSIC AND LOWER CRETACEOUS
BOWSER LAKE GROUP (JKBa, JKbB)
JKBa Medium grained sandstone, siltstone, minor conglomerate; plant fossils, in situ roots, sandstone as sheets and lenses (fluvial/lacustrine facies)
JKbB Conglomerates, sandstone, siltstone, minor coal, commonly in coarsening up cycles; local marine fossils and plant fossils (pelagic facies)

Geological boundary (defined, approximate, assumed or inferred under Q)
 Trace of individual beds from ground observation and airphoto interpretation
 Fault, unknown displacement (defined)
 Normal fault (defined, approximate)
 Onset on downthrown side
 Thrust fault (defined, approximate)
 Onset on hanging wall
 Anticline, trace of axial surface (defined, approximate, overturned)
 Syncline, trace of axial surface (defined, approximate or inferred under Q, overturned)
 Bedding (inclined, vertical, overturned)
 Conglomerate



Geology by C.A. Evenchick (1987, 1988, 1993), C.F. Flood (1988) and P.S. Mustard (1992)

Map compilation by C.A. Evenchick

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Digital base map produced by vectorization of paper copy base map from Geoscience Canada published at the same scale, modified by the Geological Survey of Canada

Paper copies of the topographical edition of this map may be obtained from the Canada Map Store, Natural Resources Canada, Ottawa, Canada K1A 0S9 and from the GSC Vancouver Bookstore, 101 - 620 Robson Street, Vancouver, British Columbia, V6B 5J3

Digital geological cartography by R. Cocking, D. Dunn, C. Evenchick and D. Moles

Electrostat plot produced by the Geological Survey of Canada

Approximate magnetic declination 1997: 25° 30' East, decreasing 10.2' annually

Elevations in feet above mean sea level

Contour interval 100 feet

Sources of information for this compilation are geological mapping by C.A. Evenchick in 1987, 1988, and 1992, with contributions from C.F. Flood in 1988 and P.S. Mustard in 1992. Previous geological map of the region is by Geological Survey of Canada (1957). Alternate interpretations of parts of the map are given by Koo (1986) and Moffat (1985). Geology of the surrounding region (104H) and descriptive notes are given by Evenchick and Thorkeston (1993).

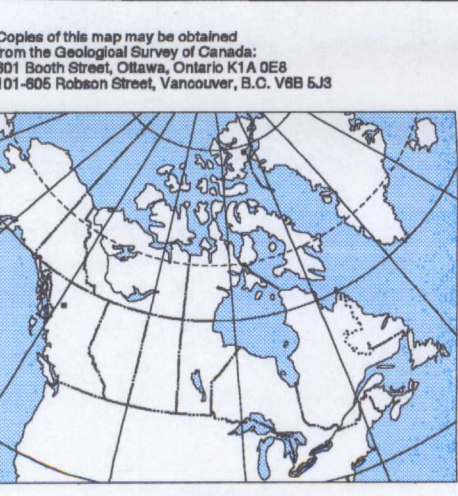
REFERENCES

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OPEN FILE 3529
 GEOLOGY
TAHTSEDELE CREEK
 BRITISH COLUMBIA
 Scale 1:50 000 - Échelle 1/50 000

Kilometres 1 2 3 4 Kilometres

Transverse Mercator Projection
 CM 128° 45', Scale Factor 0.9999, NAD27
 Projection transverse de Mercator
 M.C. 128° 45', facteur de échelle 0.9999, NAD27
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Published 1997

10469	10417	10468
OF 3174	OF 2980	OF 2884
10463	10412	10491
OF 3580	OF 3529	OF 3528
10414	10415	10416

NOTES: 1. INFORMATION ON THIS MAP IS FOR INFORMATION ONLY. 2. FOR A COMPLETE LIST OF MAPS, CONTACT THE GEOLOGICAL SURVEY OF CANADA.

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3529
 GEOLOGICAL SURVEY OF CANADA
 COMMISSION GÉOLOGIQUE DU CANADA
 OTTAWA
 September 29, 1997

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 1997: Geology, Tahtsedle Creek, British Columbia (104H); Geological Survey of Canada, Open File 3529, scale 1:50 000

