PROVINCIAL -G-2

MAP A

GENERALIZED GEOLOGICAL MAP OF THE CANADIAN CORDILLERA

MILES 40 0 40 80 120 160 200 MILES

KILOMETRES 50 0 50 100 150 200 250 300 KILOMETRES

SCALE 1:2 500 000 or 39.45 miles to 1 inch

LEGEND

INTRUSIVE ROCKS

MESOZOIC AND CENOZOIC

MIDDLE TERTIARY TO RECENT
(30 TO 0 M.Y.)

LATE CRETACEOUS TO EARLY TERTIARY
(80 TO 30 M.Y.)

EARLY TO MIDDLE CRETACEOUS
(140 TO 80 M.Y.)

PALEOZOIC TO TERTIARY
ST. ELIAS MOUNTAINS

MIDDLE TO LATE JURASSIC
(175 TO 140 M.Y.)

LATE TRIASSIC TO EARLY JURASSIC
(215 TO 175 M.Y.)

SYENITE, MONZONITE

× SYENITE OR MONZONITE INTRUSIVES TOO SMALL TO BE SHOWN AT MAP SCALE

LATE PALEOZOIC AND MESOZOIC
ULTRAMAFIC ROCKS

PALEOZOIC

PROTEROZOIC

HELIKIAN
★ HELLROARING CREEK STOCK (1260 M.Y.)

GABBROIC DYKE SWARMS

SEDIMENTARY AND VOLCANIC ROCKS

MESOZOIC AND CENOZOIC

TERTIARY AND QUATERNARY

MIOCENE AND LATER
FLAT-LYING PLATEAU LAVAS AND UNDEFORMED VOLCANIC PILES

CRETACEOUS AND TERTIARY (INCLUDES MINOR JURASSIC)
UNDIVIDED SEDIMENTARY AND VOLCANIC ROCKS

JURASSIC (UNDIVIDED) (INCLUDES SOME CRETACEOUS)

TRIASSIC (UNDIVIDED) (INCLUDES SOME PERMIAN, MINOR JURASSIC AND CARBONIFEROUS)

PALEOZOIC (UNDIVIDED) (INCLUDES MINOR TRIASSIC AND PROTEROZOIC)

PROTEROZOIC (UNDIVIDED) (INCLUDES MINOR CAMBRIAN)

UNDIFFERENTIATED METAMORPHIC ROCKS

(INCLUDES SHUSWAP, WOLVERINE, YUKON, AND BIG SALMON COMPLEXES)

SYMBOLS

NORMAL FAULT: KNOWN, INFERRED

THRUST FAULT: KNOWN, INFERRED

UNMAPPED AREA OR AREA OF EXTENSIVE DRIFT

GENERALIZED GEOLOGICAL MAP OF THE CANADIAN CORDILLERA

Geology compiled by E. V. Jackson, British Columbia Department of Mines and Petroleum Resources, 1975, 1976.

Cartography by J. L. Armitage, British Columbia Department of Mines and Petroleum Resources, 1976.

For NTS areas 92, 93, 103, 104, 105, 114, geology derived mainly from 1:1 million scale geological compilation maps compiled by the Geological Survey of Canada, Vancouver. For NTS areas 82, 83, and 94, geology compiled mainly from published maps and reports of the Geological Survey of Canada and the British Columbia Department of Mines and Petroleum Resources. Geology of northeastern Washington, northern Idaho, and northern Montana derived from state geological maps.

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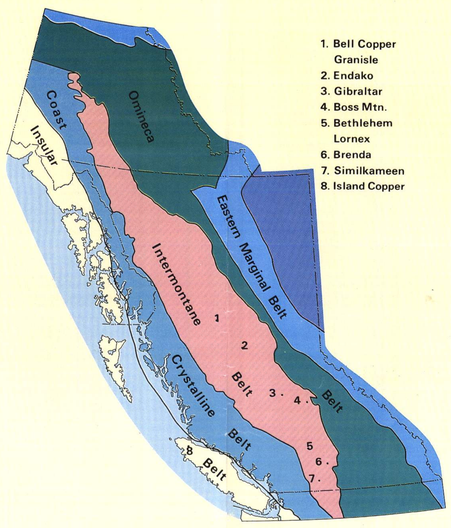
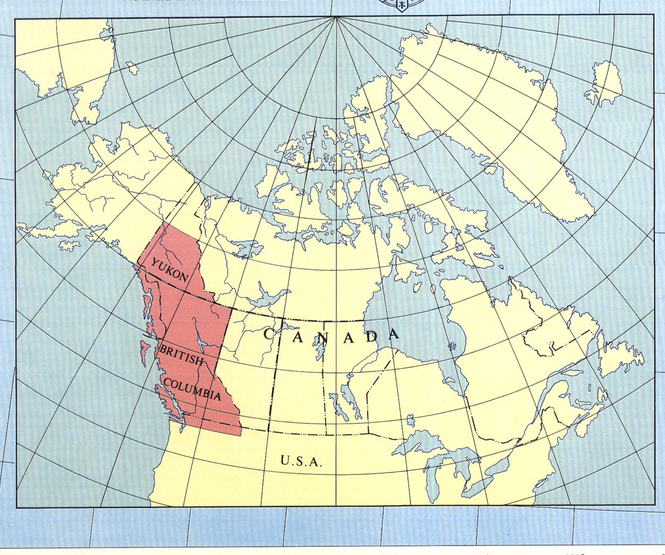


1. Bell Copper Granisle
2. Endako
3. Gibraltar
4. Boss Mtn.
5. Bethlehem Lornex
6. Brenda
7. Similkameen
8. Island Copper

Tectonic Belts and Producing Porphyry Deposits



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BCEMPR
GSR
MISC MAP
MAP A
EMPR

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