

LEGEND

- CENOZOIC**
- QUATERNARY**
PLEISTOCENE AND RECENT
 Qd Till, alluvium, colluvium; gravel, sand, silt (shown only where bedrock is extensively concealed)
- DEVONIAN**
- MIDDLE DEVONIAN**
 HARROGATE FORMATION: dolomite, dark grey, very finely crystalline; limestone, dark grey, very finely crystalline to microcrystalline, argillaceous and shaly
 Dh
- DEVONIAN**
 CEDARED FORMATION: dolomite, partly detrital, light grey and light brownish grey, very finely crystalline, sandy (quartz), silty and argillaceous; dolomitic quartz sandstone; dolomite breccia
 Dcd
- ORDOVICIAN AND SILURIAN**
- UPPER ORDOVICIAN AND LOWER SILURIAN**
 BEAVERFOOT FORMATION (upper part): dolomite, dark grey to light brownish grey, finely crystalline to microcrystalline, partly mottled, partly cherty
 OSb
- ORDOVICIAN**
- UPPER ORDOVICIAN**
 BEAVERFOOT FORMATION (Whiskey Trail Member): dolomite, dark grey to olive-grey, argillaceous, very finely crystalline to microcrystalline, platy, recessive
 Obwt
- MIDDLE AND/OR UPPER ORDOVICIAN**
 MOUNT WILSON FORMATION: quartz sandstone, fine grained, white to medium grey, buff-grey, pinkish grey, crossbedded in part
 Omw
- LOWER AND MIDDLE ORDOVICIAN**
 GLENOGLE FORMATION (upper part): siltstone, sandstone and shale; medium to dark grey-brown
 Ogu
- ORDOVICIAN**
 GLENOGLE FORMATION (lower part): shale and argillaceous limestone; dark grey to black
 Ogl
- CAMBRIAN AND ORDOVICIAN**
- UPPER CAMBRIAN AND LOWER ORDOVICIAN**
 MCKAY GROUP (C0m1 - C0m6)
 C0m6 Limestone, medium grey, micritic, partly cherty; dolomitized equivalents; interbeds of greenish-grey slate and calcareous slate
 C0m5 Slate and calcareous slate, grey and pale greenish grey; nodules and thin interbeds of micritic limestone
 C0m4 Limestone, medium grey, micritic; dolomitized equivalents; interbeds of greenish-grey slate and calcareous slate
 C0m3 Slate and calcareous slate, green to medium grey-green; sparse nodules and interbeds of grey micritic limestone
 C0m2 Limestone, medium grey, micritic, partly dolomitic; interbedded with greenish-grey slate and calcareous slate
 C0m1 Slate and calcareous slate, light to medium green; sparse limestone nodules; orange weathering at base
- CAMBRIAN AND ORDOVICIAN**
 UPPER CAMBRIAN AND LOWER ORDOVICIAN
 C0mk MCKAY GROUP: undivided
- CAMBRIAN**
- UPPER CAMBRIAN**
 C0cc CANYON CREEK FORMATION: slate, grey, finely laminated, partly calcareous, with thin interbeds of limestone locally
- CAMBRIAN**
- UPPER CAMBRIAN**
 C0ot OTTERTAIL FORMATION: limestone, medium to dark grey, micritic; very finely crystalline dolomite bands and laminations; locally arenaceous (quartz); thick bedded
 C0cut Upper transitional unit: limestone, medium to dark grey, micritic; interbedded with light green to yellowish-green slate and calcareous slate
 C0chut Upper unit: slate and calcareous slate, yellowish grey to greenish grey; sparse nodules and thin interbeds of grey micritic and oolitic limestone
 C0chuu Middle unit: slate and calcareous slate, greenish grey; interbedded with limestone, grey, micritic, oolitic and calcarenitic
 C0chul Lower unit: slate and calcareous slate, yellowish grey to greenish grey, sparse nodules and thin interbeds of micritic and oolitic limestone
- MIDDLE AND UPPER CAMBRIAN**
 C0chm CHANCELLOR FORMATION (middle part): slate, medium green; sparse calcareous laminations; reddish brown weathering
- MIDDLE CAMBRIAN**
 C0chl CHANCELLOR FORMATION (lower part): in structure section only

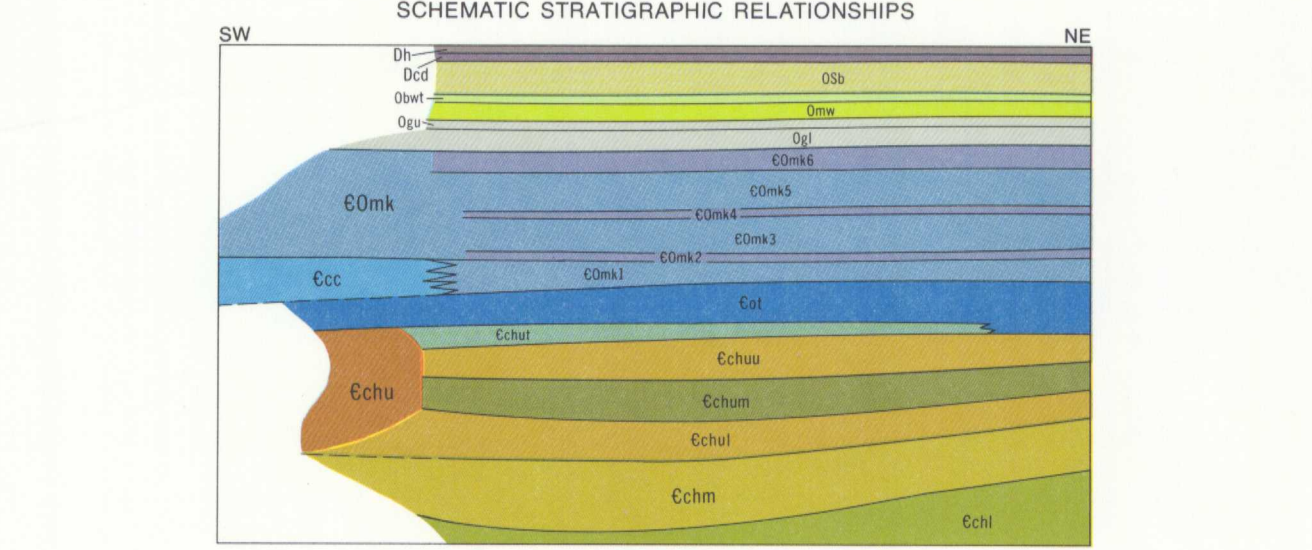


Geology by H.R. Balkwill, R.A. Price and E.W. Mountjoy based on studies of vertical air photographs, and on air and ground elevations by H.R. Balkwill, D.B. Cornell, E.W. Mountjoy and R.A. Price, (1964-1967); modified after Balkwill (1969); northwest corner modified after Gardner (1977)

REFERENCES

Balkwill, H.R.: Structural analysis of the Western Ranges, Rocky Mountains, near Golden, British Columbia; unpublished Ph.D. thesis, The University of Texas, Austin, Texas (1969).

Gardner, D.A.C.: Structural geology and metamorphism of calcareous lower Paleozoic slates, Bliebers-Redburn Creek area, near Golden, British Columbia; unpublished Ph.D. thesis, Queen's University, Kingston, Ontario (1977).



Geological cartography by M.D. Wallace, Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada

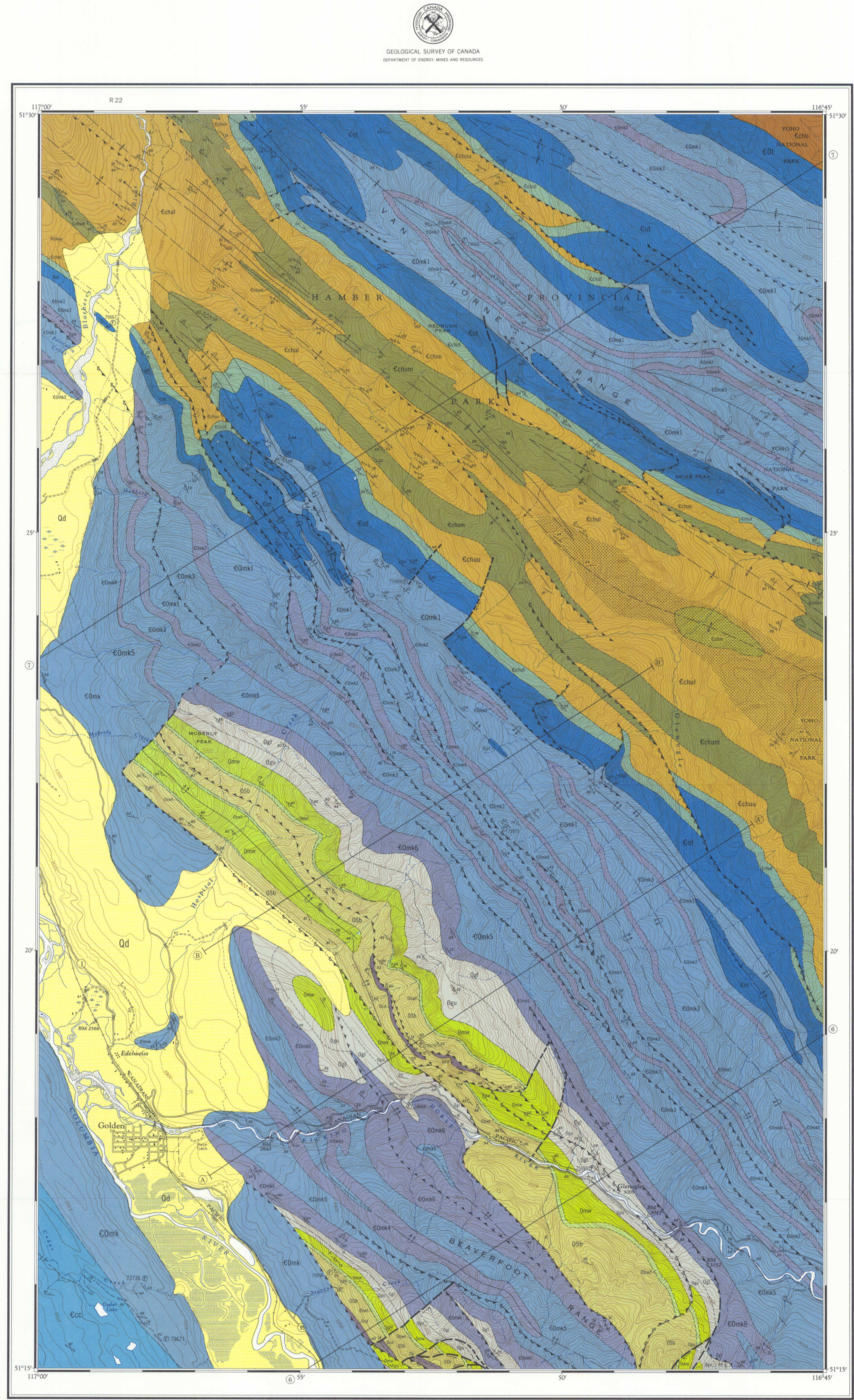
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Base map at the same scale published by the Surveys and Mapping Branch in 1959

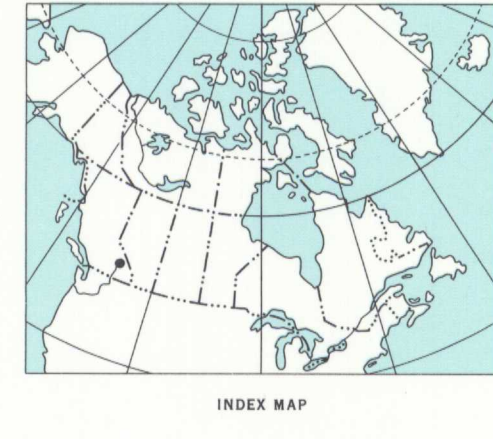
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Approximate magnetic declination 1979, 22°11.6' East, decreasing 5.2' annually

Elevations in feet above mean sea level



Copies of this map may be obtained from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E9, 3303 - 33rd Street N.W., Calgary, Alberta T2L 2A7



MAP 1497A
 GEOLOGY
GOLDEN
 (West Half)
 WEST OF FIFTH MERIDIAN
 BRITISH COLUMBIA

Scale 1:50,000

Kilometres 1 0 1 2 3 4 Kilometres
 Miles 1 0 1 2 Miles

Transverse Mercator Projection
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82 N/11	82 N/10	82 N/9
	1464A	1463A
82 N/6	82 N/7	82 N/8
1497A	1496A	1483A
82 N/3	82 N/2	82 N/1
	1477A	1476A

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

MAP 1497A
GOLDEN
 (West Half)
 BRITISH COLUMBIA

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