

LEGEND

Map-unit shown by uncoloured legend block does not appear on this map

PLEISTOCENE AND HOLOCENE

- 21 Alluvial and glacial deposits
- 20 LAKE ISLAND FORMATION basaltic flows, scoriae and ashes

TERTIARY UPPER MIOCENE AND/OR LOWER PIOCENE

- 19 Rhyolite
- 18 Vesicular basalt, olivine basalt

MIOCENE

- 17 Rhyolite and quartz-feldspar porphyry
- 16 Granite and syenite; 16a, granite; 16b, syenite.

OLIGOCENE AND/OR MIOCENE

- 15 BELLA BELLA FORMATION: andesitic volcanic rocks, minor sediments

EOCENE OR PALEOCENE

- COAST PLUTONIC ROCKS (in part)
- 14 Quartz monzonite, 14a, possibly in part of the same age as map-unit 5
- 13 Granodiorite

CRETACEOUS

- LOWER CRETACEOUS HAUTERIVIAN AND/OR BARREMIAN
- 12 Andesitic lava; 12a, black slates

JURASSIC

- MIDDLE JURASSIC HAZELTON GROUP (TIPPER, 1963)
- 11 Andesitic volcanic rocks, minor sediments; 11a, agglomerate; 11b, greywacke
- MIDDLE OR LOWER JURASSIC (?)
- 10 Black slate and argillite; 10a, conglomerate

MIDDLE AND/OR LOWER JURASSIC

- 9 Purplish, massive diorite, pyroxene diorite, gabbro, norite
- TRIASSIC (?)
- 8 Metasediments, biotite-hornblende-garnet schist, biotite-garnet-sillimanite schist, metavolcanics, limestone, quartzite; 8a, limestone; 8b, conglomerate

MIDDLE TRIASSIC (?)

- COAST PLUTONIC ROCKS (in part)
- 6 Foliated, chloritized granodiorite, probably retrograde equivalent of unit (5)
- 5 Foliated granodiorite

PERMIAN (?) OR OLDER

- 2 Gneissic diorite, with inclusions of metasediments and metavolcanics; 2a, mainly quartz diorite; 2b, mainly greenstone; 2c, massive diorite
- 1 Feldspar-quartz-biotite gneiss, garnet-biotite gneiss, amphibolite, banded gneiss, veined gneiss; not differentiated from unit (8) in the northwestern corner of Bella Coola map-area.

Note: map-unit numbers are underlined where map-units are relatively well dated (see table of formations)

- Rock outcrop
- Geological boundary (defined or approximate, assumed)
- Bedding, tops known (horizontal, inclined)
- Bedding, tops unknown (inclined, vertical)
- Primary flow structures in volcanic rocks (horizontal, inclined)
- Foliation, gneissosity, schistosity (horizontal, inclined, vertical, dip unknown)
- Foliation, gneissosity, schistosity, cutting above foliation (inclined, vertical)
- Axes of minor folds, lineation (horizontal, inclined)
- Fault (defined, approximate, assumed)
- Synform (arrow indicates plunge)
- Fossil locality
- Locality where age has been determined (in million years, m.y.)
- (b) on biotite; (h) on hornblende; (m) on muscovite
- Mineral occurrence
- Agmatite
- Limestone

MINERALS

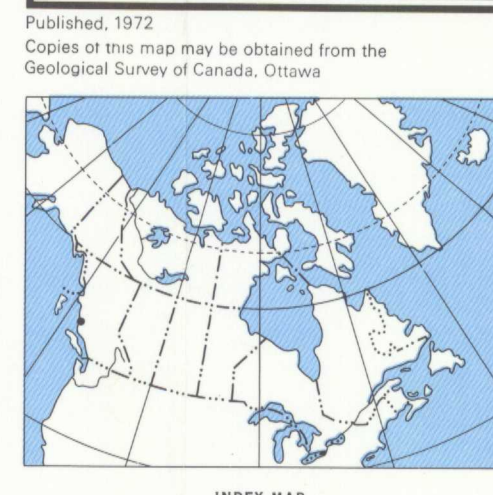
Copper	..... Cu	Molybdenum	..... Mo
Gold	..... Au	Silver	..... Ag
Iron	..... Fe	Zinc	..... Zn
Lead	..... Pb		

Geology by A.J. Baer, 1962-1965; W.W. Hutchison, 1963-1965; J.G. Souther, 1963; and J.A. Roddick, 1965

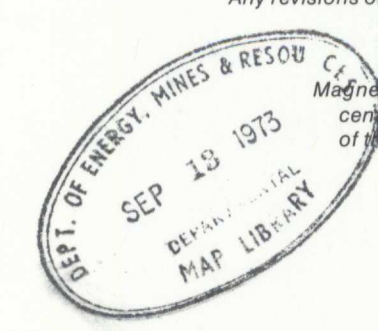
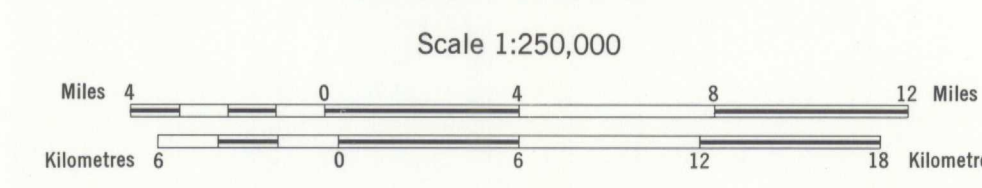
To accompany GSC Memoir 372 by A.J. Baer



GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES



MAP 1327 A  
GEOLOGY  
**BELLA COOLA**  
BRITISH COLUMBIA



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

Magnetic declination 1971 varies from 25° 23' easterly at the center of the west edge to 25° 22' easterly at the center of the east edge. Mean annual change decreasing 2.9'

Elevations in feet above mean sea-level

103 H	93 E	93 F
23-1970	1064 A	1131 A
103A	93 D	93 C
1328 A	1327 A	1202 A
102 P	92 M	92 N
		867 A

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

MAP 1327A  
**BELLA COOLA**  
BRITISH COLUMBIA

612 cog 1900 C

1327A