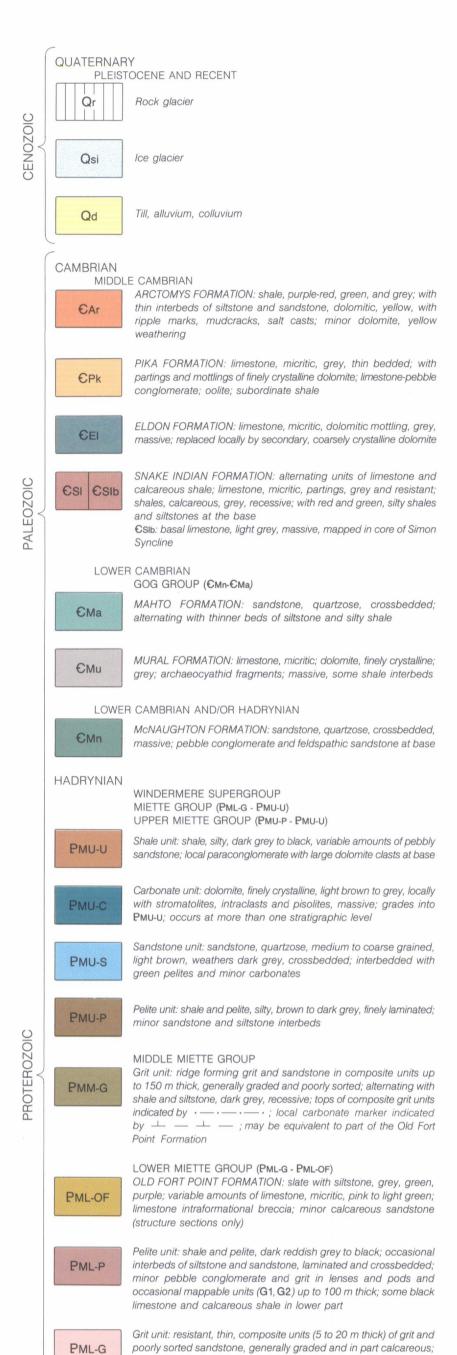
Transverse Mercator Projection

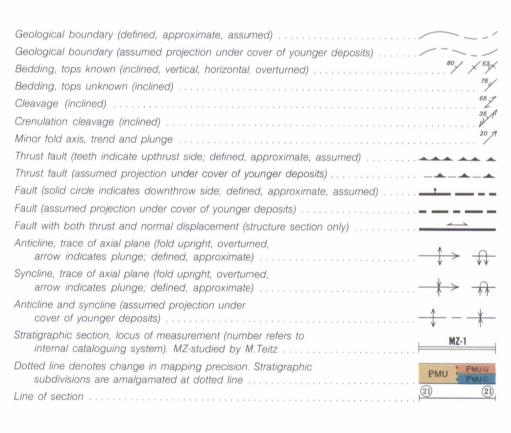
Projection transverse de Mercator

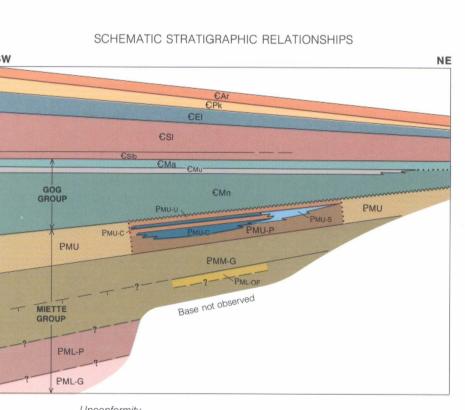
CM 117°, Scale Factor 0.9996 M.C. 117°, facteur d'échelle 0,9996

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LEGEND







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

Geology by E.W. Mountjoy and R.A. Price, based on studies of vertical air photos (1964-1975), and ground and air observations by J.D. Aitken, H.R. Balkwill, H. Bielenstein, D.G. Cook, E.W. Mountjoy and R.A. Price (1965-1966); R. Forest (1983-1984); and E.W. Mountjoy (1974-1978, 1983-1985)

UPPER MIETTE GROUP: undivided; lower part same as Pelite unit; upper part highly variable sequence of grit and quartzite, alternating

with dark grey shale. Locally, rare paraconglomerate with dolomite

clasts possibly equivalent to the Carbonate unit

Geological cartography by B.H. Ortman, Institute of Sedimentary and Petroleum Geology, Geological Survey of Canada

would be welcomed by the Geological Survey of Canada

Base map at the same scale published by the Cartographic Information and Distribution Centre, in 1984

Any revisions or additional geological information known to the user

Copies of the topographic edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, Ontario, K1A 0E9

Approximate magnetic declination 1988, 21°32.5' East decreasing 17' annually

Elevations in feet above mean sea level

NOTES

1. The style of folding in the Middle Miette is shown diagrammatically on the structure sections.

2. Older Miette Group strata presumably underlie the Old Fort Point Formation and its westward lateral equivalents.

3. The stratigraphic relationships of the Middle and Lower Miette Group west of the Chatter Creek Thrust Fault relative to the Miette Group east of this fault are uncertain. The Carbonate marker in PMM-G may be equivalent to part of the

Old Fort Point Formation.

Marken / BIBLIUINEQUE

OCT 30 1989

GEOLOGICAL SURVEY COMMISSION GÉOLOGIQUE

Recommended citation: Mountjoy, E.W. and Price, R.A. 1988: Geology, Amethyst Lakes, Alberta - British Columbia; Geological Survey of Canada, NOT TO BE TAKEN FROM LIBRARY
NE PAS SORTIR DE LA BIBLIOTHÈQUE /657A Map 1657A, scale 1:50 000

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