



Abstract
 Mount Abruzzi map area (NTS 82-J06, 1:50 000 scale) illustrates portions of the Front Ranges and Main Ranges subdivisions of the Southern Canadian Rocky Mountains. Folded Devonian, Mississippian, Pennsylvanian, Permian, and Triassic carbonates and clastics of the Burgess Shale and other units occur locally in southwesterly-trending folds in the Front Ranges. The Main Ranges are separated from the Front Ranges by the Main Range fault, a south-plunging continuation of the underlying Burgess Shale. The Main Range fault is a Devonian to Early Devonian, multi-dip-sense normal fault. The Main Range fault is a Devonian to Early Devonian, multi-dip-sense normal fault. The Main Range fault is a Devonian to Early Devonian, multi-dip-sense normal fault.

CGM 11	CGM 12	CGM 10	CGM 9
888A	1928A	1052A	1824A
654A	827A	1052A	1813A

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CANADIAN GEOSCIENCE MAP 10
GEOLGY
MOUNT ABRUZZI
 British Columbia
 1:50 000



QUATERNARY

- Qa Alluvium, colluvium, and fill - deposits of gravel, sand, silt. This unit is shown only where these deposits cover the bedrock extensively.
- Qm Landslide - blocks of nearby bedrock.
- Qm Neoglacal moraine - glaciolite.
- Qg Rock glacier - rock debris, ice.

JURASSIC-LOWER CRETACEOUS

Rockleary Group

- Jkm Mount Rockleary - siltstone, carbonaceous sandstone, mudstone, and shale, carbonaceous dolomite, minor coal. Thin to thick sands and carbonaceous conglomeratic sandstone.

TRIASSIC

River Group

- Tm Sulphur Mountain Formation - siltstone, carbonaceous dolomite, and siliceous, red-brown to brown weathering, commonly laminated, shaly to flaggy weathering, mudstone, silt, dark grey, shale, dark grey, more common near base.

PERMAN

Early Mountain Supergroup (PPI+Pnc)

- Pnc Ranger Canyon Formation - chert, thin black, and grey, diagonally, medium to thin beds, minor siltstone, carbonaceous dolomite, locally shaly, resistant weathering unit.

PENNSYLVANIAN-PERMIAN

- PPIa Tunnel Mountain and Johnson Canyon formations - sandstone, siltstone, carbonaceous, and siliceous, red-brown to brown weathering, commonly laminated, shaly to flaggy weathering, mudstone, silt, dark grey, shale, dark grey, more common near base.

MISSISSIPPIAN

Rindie Group (Mvs-Me)

- Me Mount Head Formation - chert and chert members - fine weathering, packstone, and grainstone, medium to dark grey, dolomite, light to medium grey, carbonaceous commonly cherty and sandy, sandstone, dolomite, and siliceous, red-brown to brown weathering, commonly laminated, shaly to flaggy weathering, mudstone, silt, dark grey, shale, dark grey, more common near base.

UPPER DEVONIAN-MISSISSIPPIAN

- MLu Livestock Formation - grainstone and packstone, light grey, medium to thick beds, locally shaly, resistant weathering unit.
- MLu Livestock Formation, siltstone unit - local brown weathering, silt, dolomite, relatively resistant.
- BLuff Bluff Formation - chert and chert members - fine weathering, packstone, and grainstone, medium to dark grey, dolomite, light to medium grey, carbonaceous commonly cherty and sandy, sandstone, dolomite, and siliceous, red-brown to brown weathering, commonly laminated, shaly to flaggy weathering, mudstone, silt, dark grey, shale, dark grey, more common near base.

UPPER DEVONIAN

- DMc Maligne Formation - siltstone, carbonaceous, and siliceous, red-brown to brown weathering, commonly laminated, shaly to flaggy weathering, mudstone, silt, dark grey, shale, dark grey, more common near base.
- DMc Maligne Formation - siltstone, carbonaceous, and siliceous, red-brown to brown weathering, commonly laminated, shaly to flaggy weathering, mudstone, silt, dark grey, shale, dark grey, more common near base.

MIDDLE DEVONIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

UPPER ORDOVICIAN-LOWER DEVONIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

UPPER ORDOVICIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

LOWER ORDOVICIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

UPPER CAMBRIAN-LOWER ORDOVICIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

UPPER CAMBRIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

MIDDLE CAMBRIAN

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

PALEOZOIC

- DCa Cedar and Burns formations - undivided.
- DCa Cedar and Burns formations - undivided.

Table 1. British Columbia MNFLE occurrences

MNFLE No.	NAME	STATUS	COMMODITY
002.8E014	Vivian Option	Prospect	Coal
002.8M009	Forsyth Creek North	Shooting	Prospect
002.8M009	Forsyth Creek South	Shooting	Prospect

REFERENCES

Morris, R.J. and Grew, D.A., 1996. Geology of the Elk Valley Coalfield north half (Hemlock Creek to Elk Lake): British Columbia Geological Survey, Ministry of Energy, Mines and Petroleum Resources, Preliminary Map 85, Sheet 6, scale 1:50 000.

Matt, J.A., 1989. Structural and stratigraphic relations in the White River, eastern Main Ranges, southern Rocky Mountains, British Columbia, Ph.D. thesis, Queen's University, Kingston, 204 p.

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