



Structural Geology

LEGEND

- D₁ Pre-early-metamorphic deformation.
- D₂ Syn-late metamorphic deformation.
- D₃ Late-post-metamorphic deformation.

Mesoscopic Structures

Planar Fabrics

- S₀: Primary bedding, compositional layering; upright, overturned.
- S₁: Pre-early-metamorphic D₁ Fabric
- S₁, S₂: Transposed D₁ and D₂ fabrics; S₁ schistosity, S₂ crenulation cleavage, S₂ gneissic banding.
- S₂: Penetrative axial planar D₂ schistosity, crenulation cleavage, F₂ axial surface.
- S₃: D₃ crenulation cleavage, F₃ axial surface.

Linear Fabrics

- L₂, L₃ intersection lineations
- L₂, L₃ mineral lineations
- L₂, L₃ stretching lineations

Folds

- F₁ isoclinal minor fold; rootless.
- F₂ asymmetric reclined minor fold; dextral, sinistral vergence.
- F₃ asymmetric, inclined minor fold; dextral, sinistral, neutral vergence.

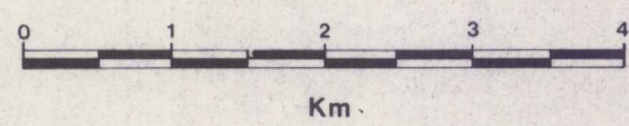
Map Scale Structures

Folds

- Overtured anticline-syncline axial surface trace; observed, inferred, assumed. Arrows indicate dip direction of axial surface.
- Inclined to reclined antiform-synform axial surface trace; observed, inferred, assumed. Arrows indicate plunge direction of fold hinge.
- Upright to overturned asymmetric antiform-synform axial surface trace; observed, inferred, assumed.
- Monashee Antiform axial surface trace.
- KA - Kirbyville anticline
- GMS - Grace Mountain Syncline
- MCA - Myoff Creek Anticline
- MCS - Myoff Creek Syncline
- ARA - Anstey Range Antiform
- ARS - Anstey Range Synform

Faults

- D₁: Pre- to early-metamorphic thrust fault; observed, inferred.
- D₂: Syn-metamorphic high pressure thrust fault; observed, inferred.
- D₃: Syn-late-metamorphic low pressure thrust fault.
- Post-metamorphic normal fault.
- D₁ RCF - Ratchford Creek Fault
- ARF - Anstey Range Fault
- D₂ MD1 - High-pressure Monashee Decollement
- MD2 - Low-pressure Monashee Decollement
- D₂, D₃ Mylonitic foliation



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