

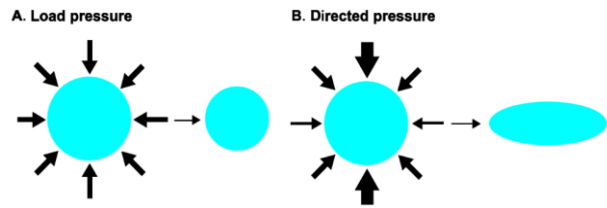


Formation and classification of metamorphic rocks

Minerals

Response to heating

Response to pressure



Types of metamorphism

Regional

Description: _____

Location: _____

Extent: _____

Textures: _____

Terminology: _____

Rocks:

Resourced by





Contact

Description: _____

Location: _____

Extent: _____

Textures: _____

Terminology: _____

Rocks:

Dynamic

Description: _____

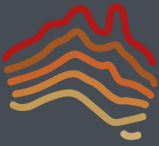
Location: _____

Extent: _____

Textures: _____

Terminology: _____

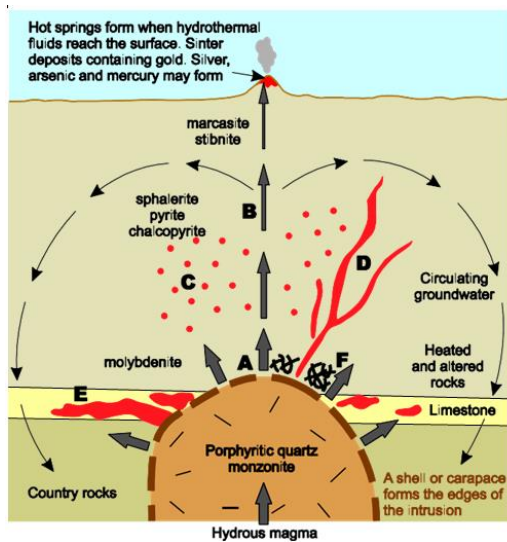
Rocks:



Metamorphic grade and index minerals

Hydrothermal Processes

Copper



- A** Heated fluids are expelled into the surrounding rocks via fractures in the carapace
- B** Hydrothermal fluids move upward and away from the intrusion, mixing with meteoric water and reacting with the surrounding wall rocks
- C** Disseminated ore: copper, zinc
- D** Vein deposit: lead, zinc, gold, silver, (arsenic, mercury)
- E** Replacement skarn deposit: copper, gold, molybdenite, silver
- F** Stockwork zone: copper, (gold, molybdenite, silver)

Gold

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