

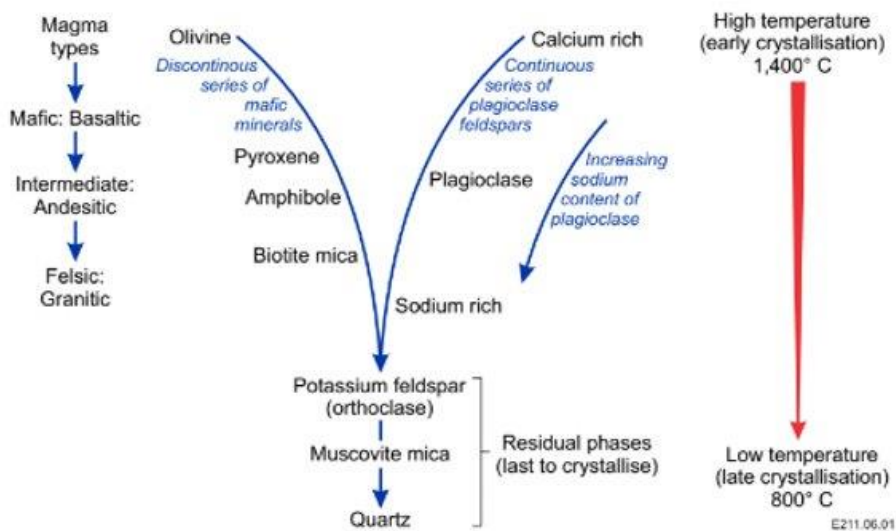


Formation and classification of igneous rocks

Terminology

- Aphanitic: _____
- Phaneritic: _____
- Porphyritic: _____
- Glassy: _____
- Pyroclastic: _____
- Pegmatic: _____

Bowen's Reaction Series



Resourced by





	Mafic	Intermediate	Felsic
Aphanitic			
Phaneritic			
Dominant minerals			
Accessory minerals			

Other igneous rocks to know: _____

Intrusive Ore Deposits

Fractional crystallisation

Differentiation

Gravitational settling

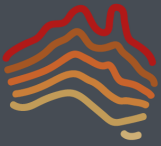
Immiscible liquid separation

Kimberlite/Lamproite pipes

Mantle Hot Spots

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Exhalative ore deposits

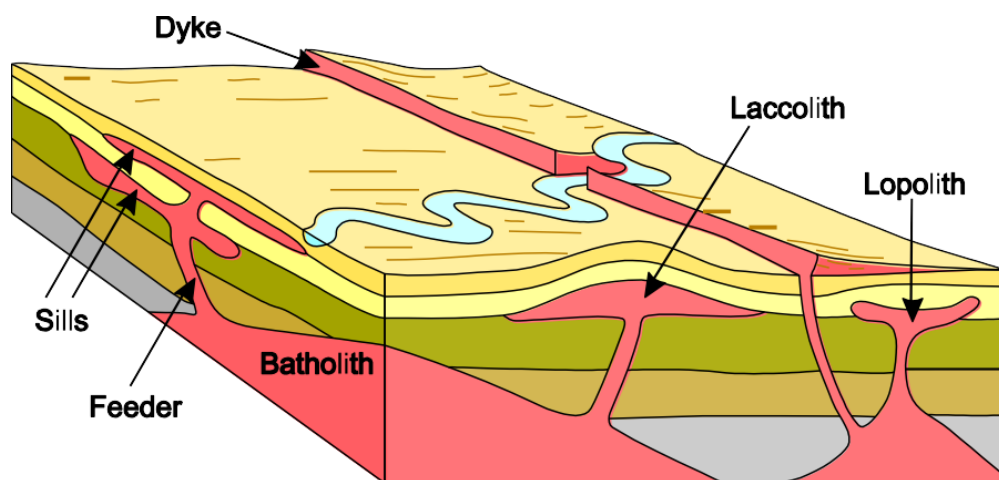
Black smokers

VMS

Hot springs

Volcanic fumarole

Igneous Intrusions



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