

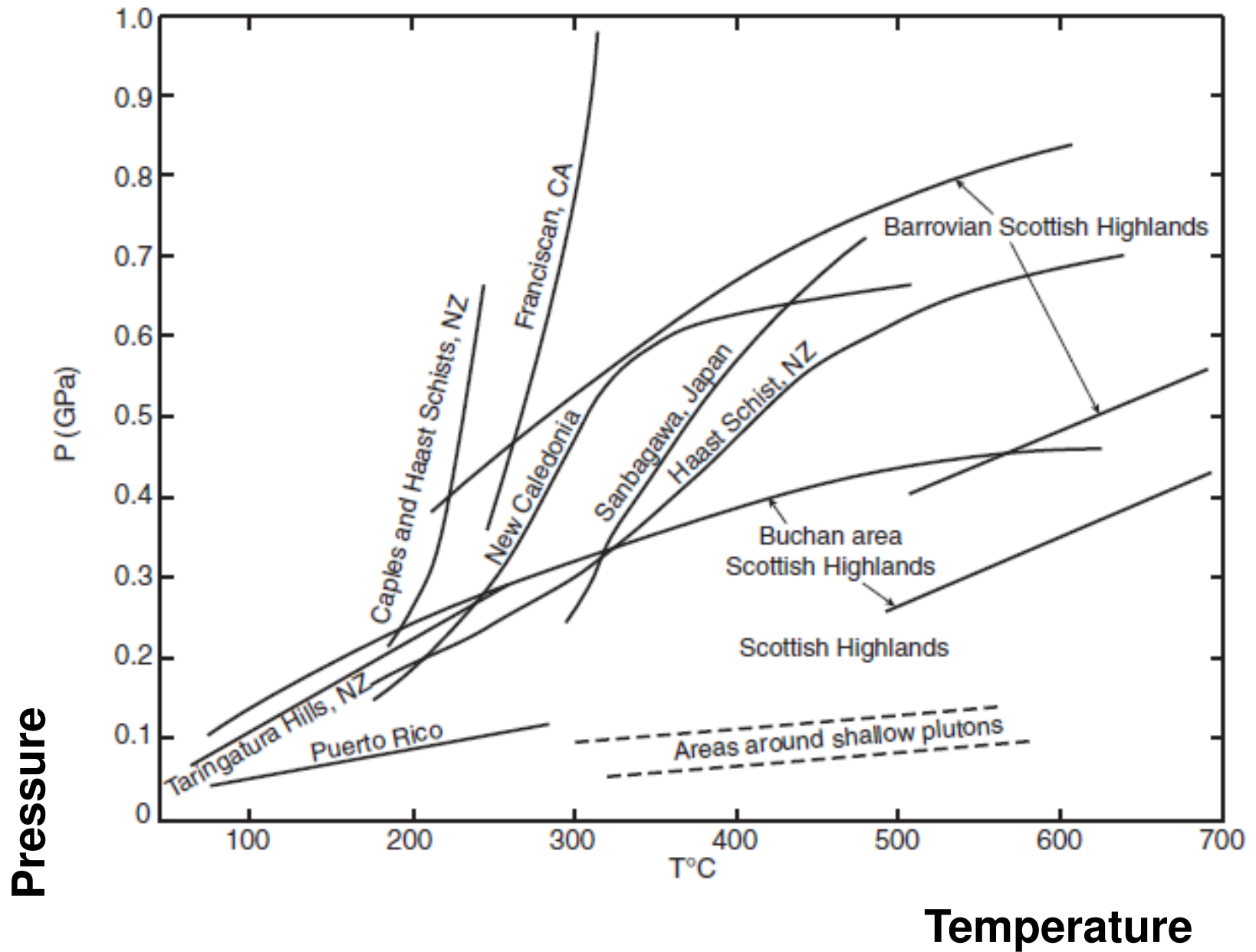
Metamorphic Rocks

Metamorphism- literally means change of form

Dominant process throughout most of Earth's lower part of upper crust, lower crust and mantle

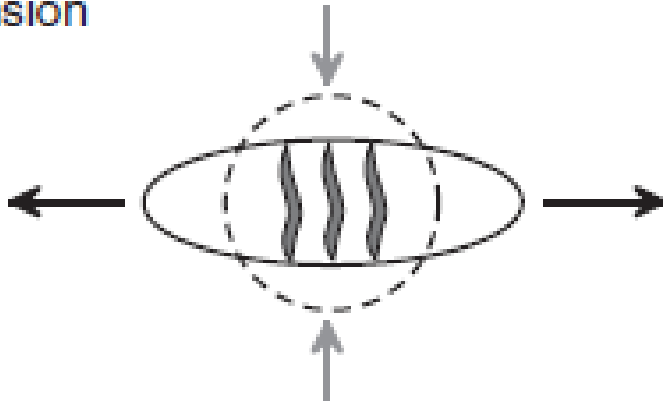
A process involving changes in the mineral content /composition and/or microstructure of a rock, dominantly in the solid state. This process is mainly due to an adjustment of the rock to physical conditions that differ from those under which the rock originally formed and that also differ from the physical conditions normally occurring at the surface of the Earth and in the zone of diagenesis.

Agents of Metamorphism

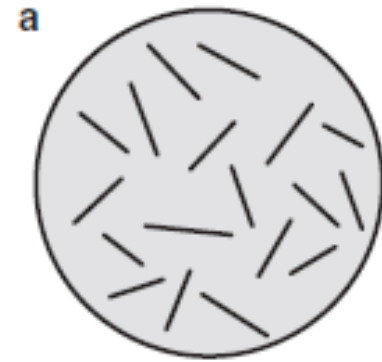
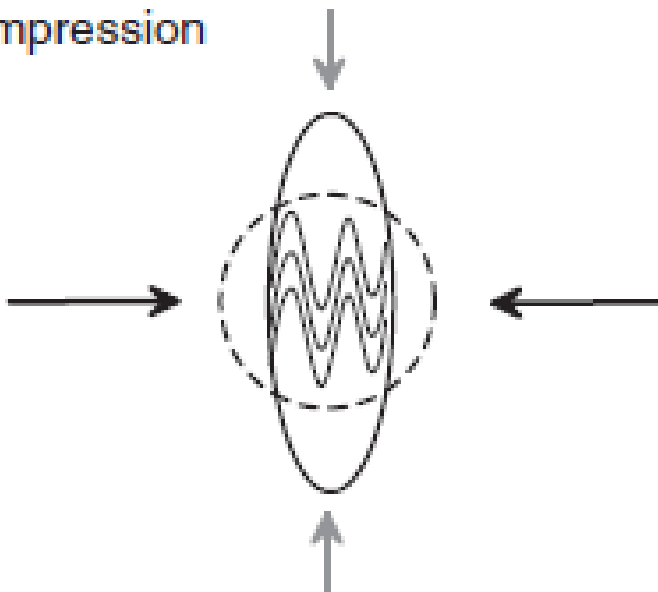


Deviatoric Stress

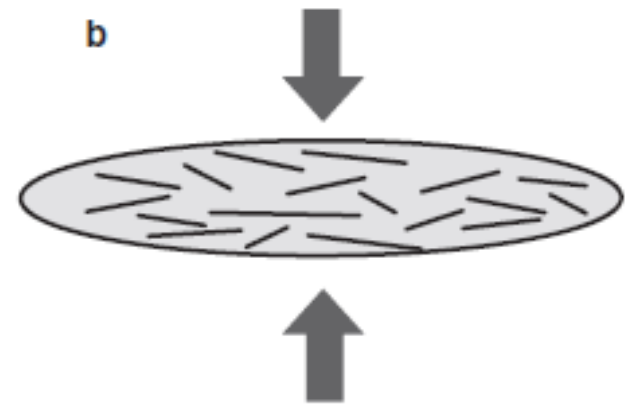
a. Tension



b. Compression

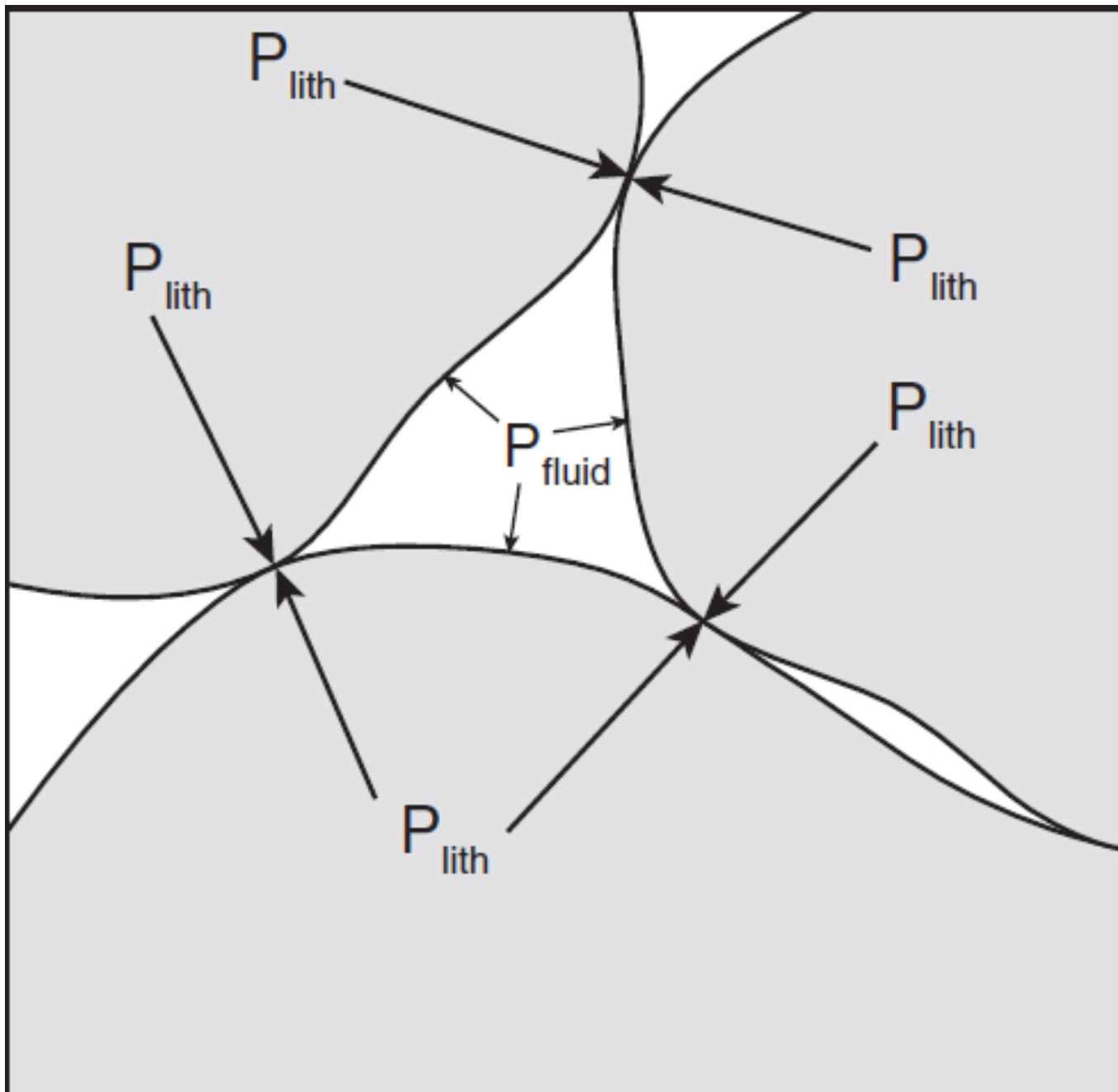


b

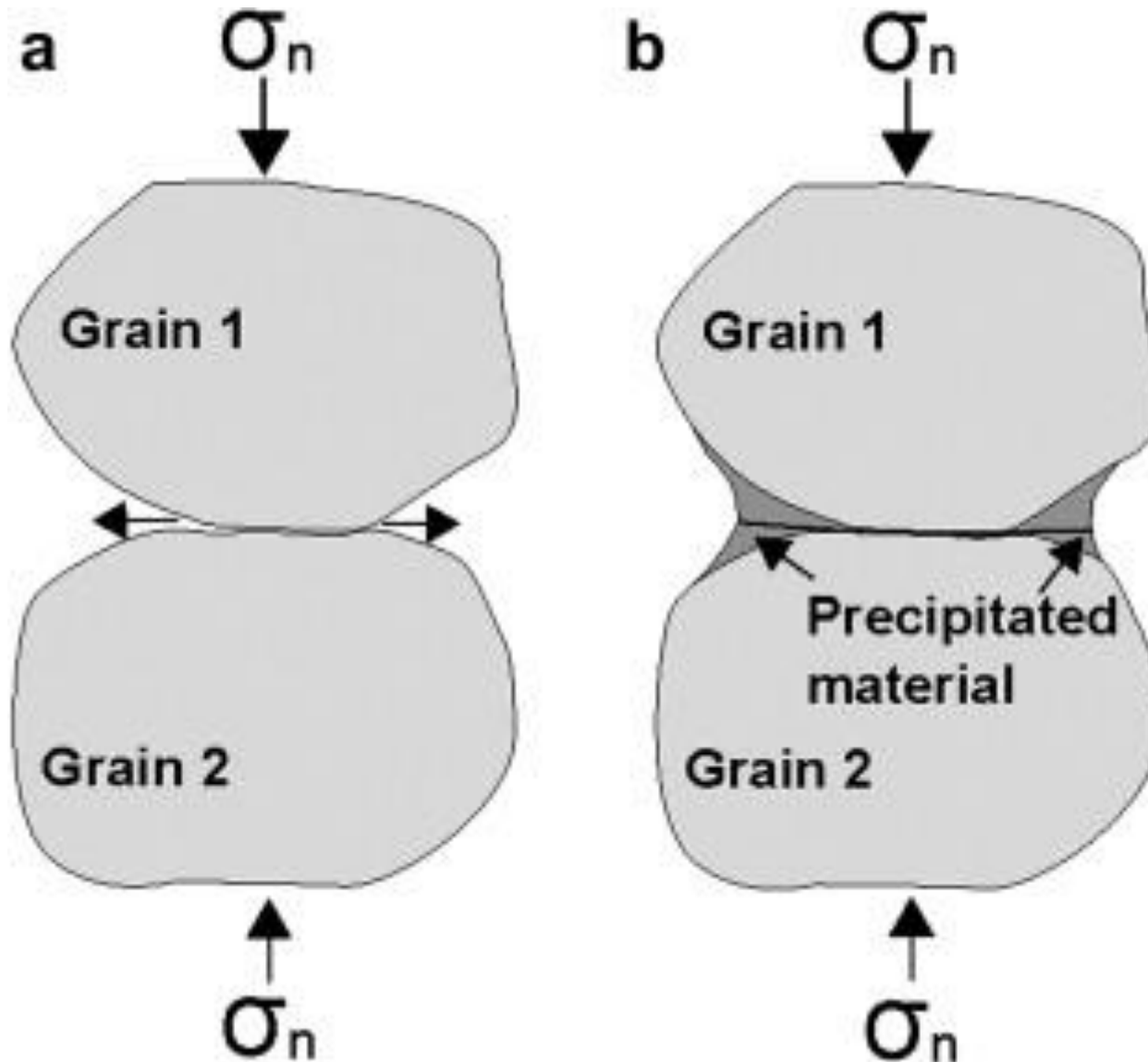




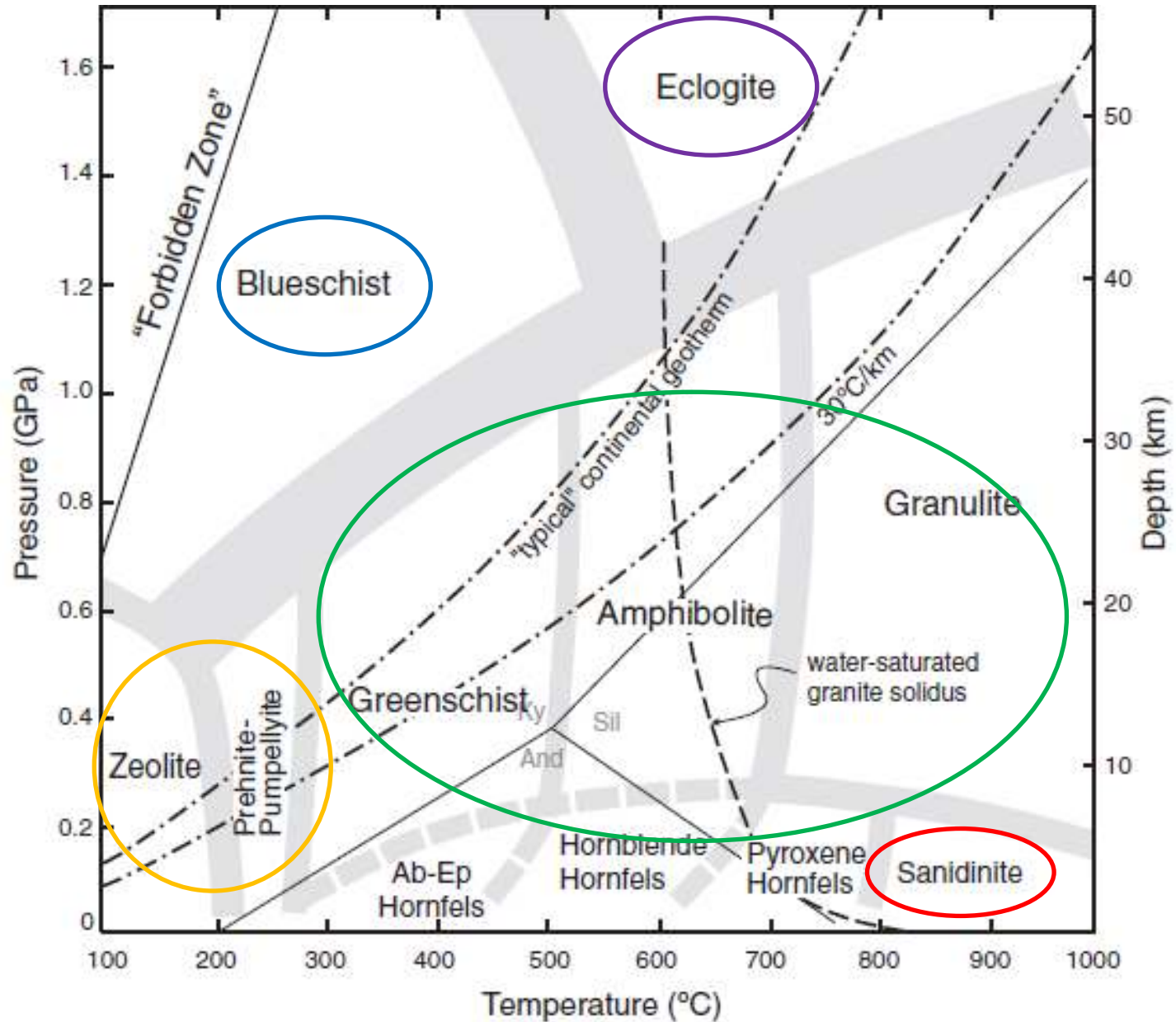




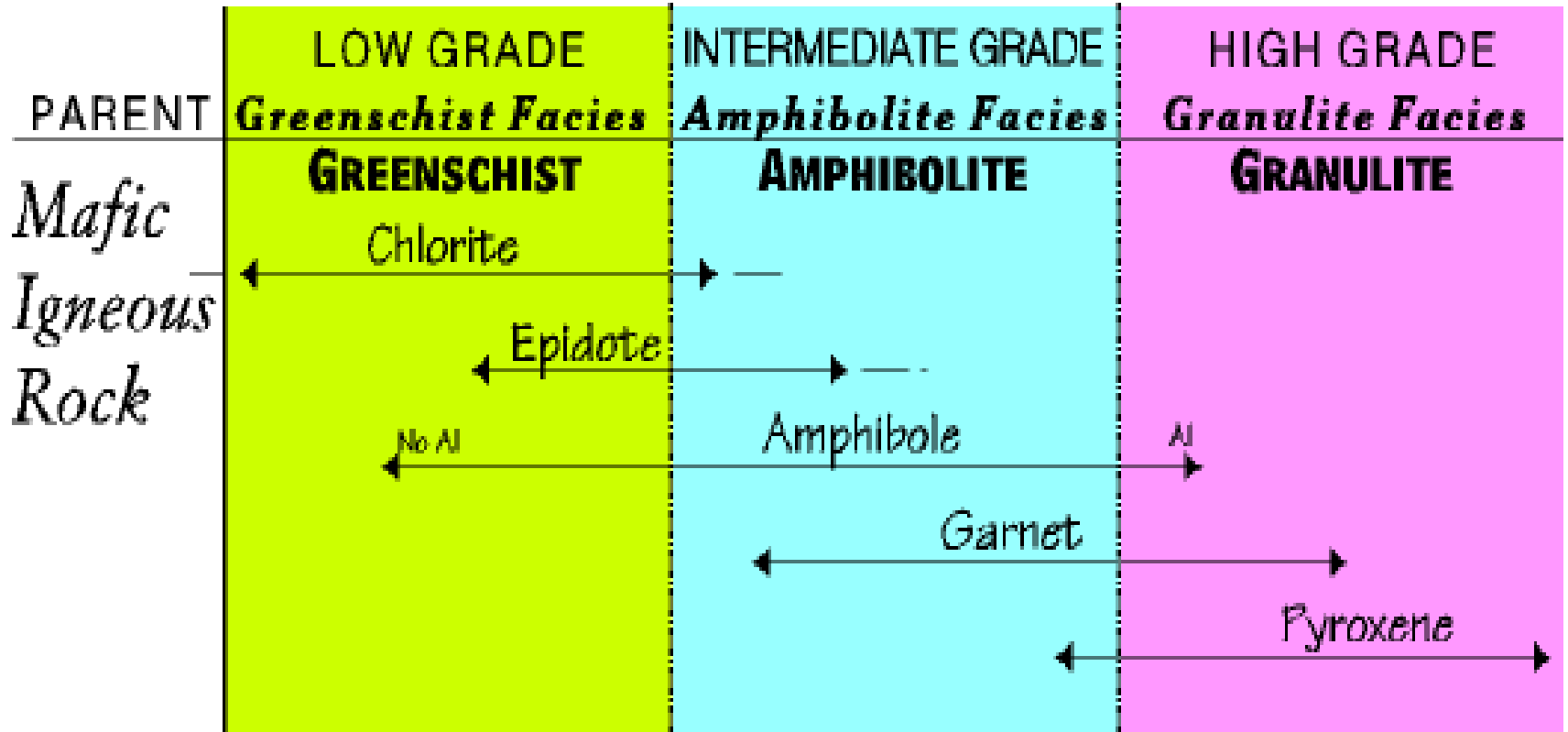
Pressure Solution



Metamorphic Facies



Barrovian Sequence- Mafic Rocks



Barrovian Sequence- Pelitic Rocks

