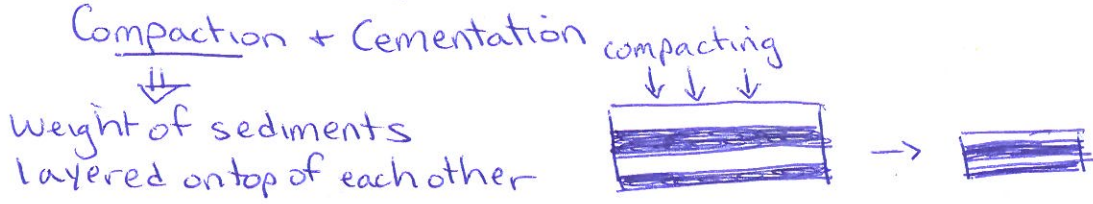


Sedimentary Rocks



Rocks within a sedimentary rock are OLDER than the rock itself.

sediments

Metamorphic Rocks

Heat and/or Pressure

Two forces pushing from either side



How do we identify metamorphic rocks?

ESRT p. 6/7

1. Formed by heat and pressure
2. Re-crystallization ... minerals line up and make "stripes" - foliation

Igneous - Granite



+ heat
+ pressure

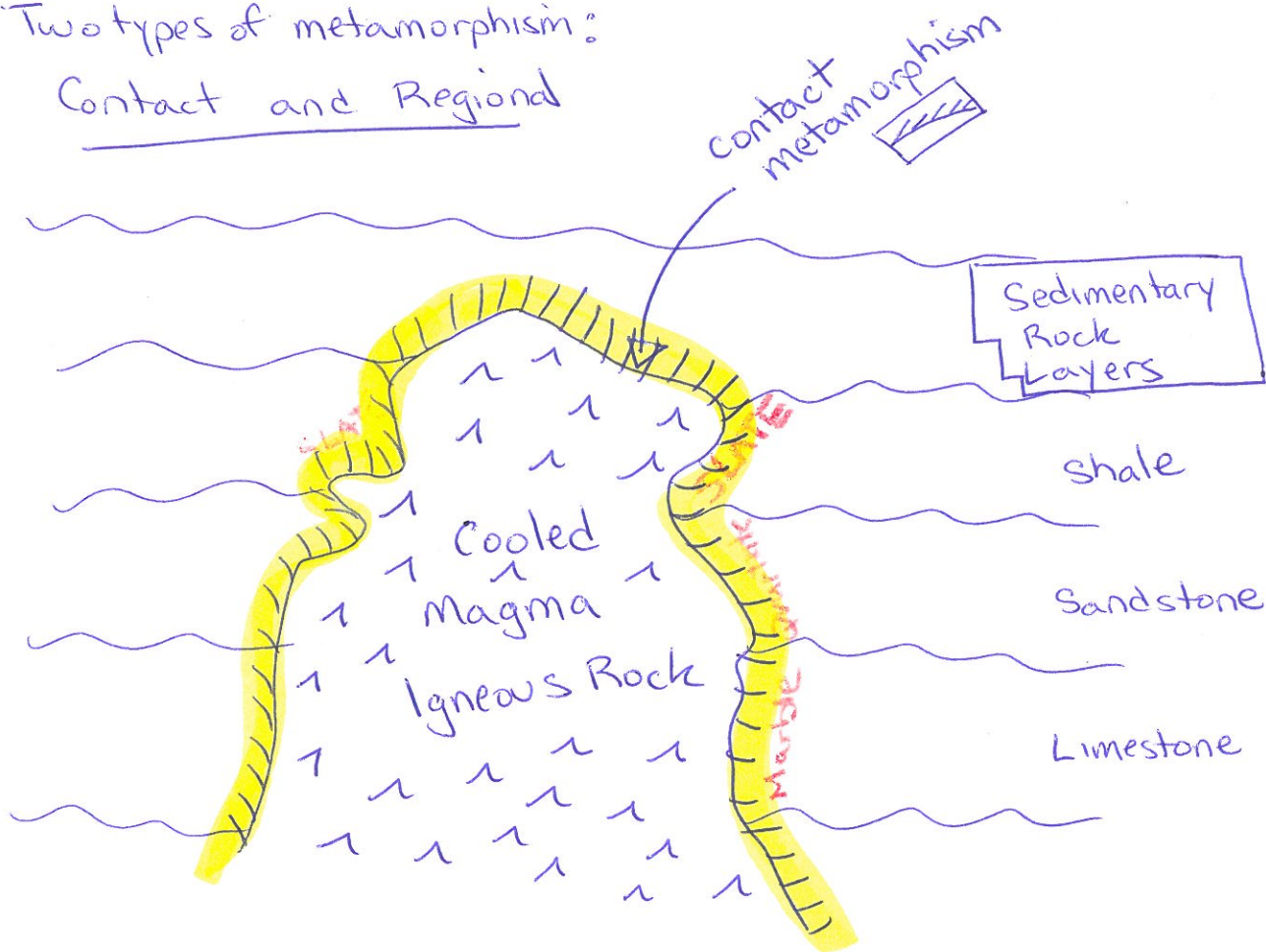
Metamorphic - Gneiss



Banding
Stripes

Two types of metamorphism:

Contact and Regional



Sedimentary Rock exposed to heat/pressure becomes metamorphic.

To identify the Metamorphic Rock look at the comments to find the parent (sedimentary) rock.

Shale → slate

Sandstone → Quartzite

Limestone → Marble

Foliated - 'Stripes', Bands, Shiny/sparkly

Non-Foliated - Recrystallized