

Metamorphic Rocks

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- rocks formed by heat or pressure changing a pre-existing rock.

2 Types

Formed by heat - nearby causing crystals to join and grow

ig granite + heat = metagneiss ← compositional banding
sed sandstone + heat = quartzite } large crystals
sed limestone + heat = marble }

Formed by pressure - mountain building squishes the rocks causing mica flakes to line up creating foliation

sed shale + pressure = slate

+ pressure = phyllite

+ pressure = schist

+ pressure = gneiss