

ROCK TRANSFORMATION CYCLE

Geological Reference Chart

IGNEOUS

Formed from cooled magma/lava

SEDIMENTARY

Formed from accumulated debris

METAMORPHIC

Formed under heat and pressure

WEATHERING & EROSION Rocks break down into sediment via wind, water, and ice.

LITHIFICATION Compaction and cementation of sediments into solid rock.

METAMORPHISM Transformation by intense heat and pressure without melting.

MELTING & CRYSTALLIZATION Rock turns to magma and cools into new crystalline structures.

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