

Dolomitization: metamorphic process by which

limestone is altered into dolomite; when limestone comes into contact with magnesium-rich water, the mineral dolomite, calcium and magnesium carbonate, $\text{CaMg} \cdot (\text{CO}_3)_2$, replaces the calcite (calcium carbonate, CaCO_3) in the rock, volume for volume. Dolomitization involves recrystallization on a large scale.

Dolomites do not preserve the textures of the original limestone or the fossils therein.
