

Optical effects in minerals

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In minerals, light wave propagation, refraction and reflection, often cause various effects. The report discusses optical effects: color, double refraction, irization, opalescence, pleochroism, asterism, their types and causative factors. Any optical effect is the "reaction" of a crystal to a visible portion of light. Different minerals react differently to light radiation, depending on the internal build and the presence of inclusions. Optical effects are often associated with crystalline defects. Optical effects are characterized by the example of minerals.