

SILICIFICATION

Meaning: Silicification is the geological process by which organic material is converted into silicate minerals, often preserving fine details of the original structure.

1. Silicification is a geological process that transforms organic material into a silicate mineral.
2. The fossils found in the area displayed remarkable silicification, preserving intricate details of the original organisms.
3. Researchers study silicification to understand better the conditions that lead to fossilization in sedimentary environments.
4. Silicification can occur rapidly under certain conditions, leading to the formation of petrified wood.
5. In some volcanic regions, the presence of silica-rich fluids can promote silicification in surrounding rock formations.

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