

THERMOLUMINESCENCE

Meaning: Thermoluminescence is the emission of light from a material when it is heated, used in dating ancient artifacts by measuring the accumulated radiation dose.

1. Thermoluminescence is a fascinating phenomenon used in dating ancient artifacts.
2. Scientists utilized thermoluminescence to determine the age of pottery found at the archaeological site.
3. The concept of thermoluminescence involves the release of trapped electrons when a material is heated.
4. Researchers are exploring the applications of thermoluminescence in geological studies and environmental monitoring.
5. Understanding thermoluminescence can provide insights into the thermal history of minerals and sediments.

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