

Guryul Ravine Fossil Site

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Guryul Ravine Fossil Site Latest news

The Geological Survey of India (GSI) has issued a stark warning to the Jammu and Kashmir administration over a “serious threat” to the important Guryul Ravine fossil site in Khonmoh, on the outskirts of Srinagar.

About Guryul Ravine Fossil Site

- **Location:** The **Guryul Ravines is located in Kashmir**, geologically known as the Vihi district.
- It consists of a repository of fossils that hold **evidence of the Permian-Triassic extinction** event, dating as far as back 260 million years.
- These preserve clear evidence of the **catastrophic Permian-Triassic mass extinction**, which wiped nearly all life on Earth.
- It also hosts what geologists believe is the **world’s first-ever recorded tsunami event**, its imprint still visible in the exposed rock layers.
- The site lies **near Dachigam National Park** and falls within the sensitive Khonmoh Conservation Reserve area.

What is the Permian-Triassic Extinction Event?

- It is also known as the **End-Permian Extinction** or, colloquially, the '**Great Dying**'.
- The **Permian-Triassic extinction** event marked the boundaries between the Permian and Triassic geological periods, as well as between the **Paleozoic and Mesozoic eras approximately 251.9 million years ago**.
- It was one of the major extinction events that the planet ever saw, when biodiversity decreased rapidly and across wide stretches.

Source: DH

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