

Silverpit Crater

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Silverpit Crater Latest News

New research has confirmed that the Silverpit Crater was formed by a massive asteroid impact millions of years ago.

About Silverpit Crater

- **Location:** It lies about **700 meters beneath the seabed in the North Sea**, roughly 80 miles off the coast of Yorkshire, United Kingdom.
- Silverpit is buried under a huge layer of sediment and **was only discovered in 2002**.
- **Formation:** It was formed by a high-velocity space rock striking the **seabed roughly 43 to 46 million years ago**.
- **Scientific Evidence:** Researchers identified “shocked” quartz and feldspar crystals in rock samples from a nearby oil well that only form under the extreme shock pressures of a high-velocity space impact.

Features of Silverpit Crater

- It measures roughly **three kilometres wide** and is surrounded by a **ring of circular faults** stretching nearly 20 kilometres across.
- It consists of a set of **concentric faults up to 20 km** in diameter in the southern North Sea.
- It is a rare and exceptionally **well-preserved hypervelocity impact crater**.
- Its round shape and central peak **resembled classic impact craters**.

Source: ET

Source: <https://vajiramandravi.com/current-affairs/silverpit-crater/>

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