

PRINT-ONLY PRESENTATIONS

Chicxulub

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Elements of the Chicxulub Impact Structure as Revealed in SRTM and Surface GPS Topographic Data [#1453]

Because the Chicxulub Crater has been buried by Tertiary carbonates the structures of the crater have very subdued surface expressions. We correlate ground, GPS, elevation data and Shuttle Radar Topography Mission (SRTM) data to buried features of the impact structure.

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On the Shock Behaviour of Anhydrite: Experimental Results and Natural Observations [#1638]

To understand the shock behavior of anhydrite, we performed shock experiments and studied anhydrite-rich impact breccias from Chicxulub cores. Results indicate a high stability of anhydrite under shock compression. High post-shock temperatures are required to devolatilize anhydrite.