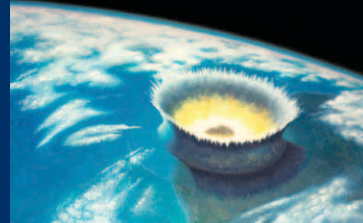


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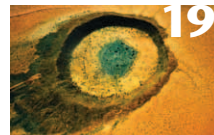
An International Magazine of Mineralogy, Geochemistry, and Petrology



Volume 8, Number 1 • February 2012

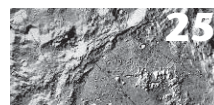
Impact!

Guest Editors: Fred Jourdan and W. Uwe Reimold



Impact! Bolides, Craters, and Catastrophes

W. Uwe Reimold and Fred Jourdan



The Impact-Cratering Process

Gareth S. Collins, H. Jay Melosh, and Gordon R. Osinski



Shock Metamorphism of Minerals

Falko Langenhorst and Alex Deutsch



Geochemistry of Impactites

Christian Koeberl, Philippe Claeys, Lutz Hecht, and Iain McDonald



Distal Impact Ejecta Layers: Spherules and More

Billy P. Glass and Bruce M. Simonson



Dating Terrestrial Impact Structures

Fred Jourdan, W. Uwe Reimold, and Alex Deutsch



Local and Global Environmental Effects of Impacts on Earth

Elisabetta Pierazzo and Natalia Artemieva

Elements is published jointly by the Mineralogical Society of America, the Mineralogical Society of Great Britain and Ireland, the Mineralogical Association of Canada, the Geochemical Society, The Clay Minerals Society, the European Association of Geochemistry, the International Association of GeoChemistry, the Société Française de Minéralogie et de Cristallographie, the Association of Applied Geochemists, the Deutsche Mineralogische Gesellschaft, the Società Italiana di Mineralogia e Petrologia, the International Association of Geoanalysts, the Polskie Towarzystwo Mineralogiczne (Mineralogical Society of Poland), the Sociedad Española de Mineralogia, the Swiss Society of Mineralogy and Petrology, the Meteoritical Society, and the Japan Association of Mineralogical Sciences. It is provided as a benefit to members of these societies.

Elements is published six times a year. Individuals are encouraged to join any one of the participating societies to receive *Elements*. Institutional subscribers to any of the following journals—*American Mineralogist*, *Clay Minerals*, *Clays and Clay Minerals*, *Mineralogical Magazine*, and *The Canadian Mineralogist*—also receive one copy of *Elements* as part of their 2012 subscription. Institutional subscriptions are available for US\$160 (US\$175 non-US addresses) a year in 2012. Contact the managing editor (tremblpi@ete.inrs.ca) for information.

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Publications mail agreement no. 40037944

Printed in USA

ISSN 1811-5209 (print)
ISSN 1811-5217 (online)

www.elementsmagazine.org

www.elements.geoscienceworld.org

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ABOUT THE COVER:
Artistic rendition of a cataclysmic impact, such as the Chicxulub event that caused the end-Cretaceous mass extinction, 66 million years ago. The impact of a multikilometer-sized asteroid into a shallow ocean is depicted a few seconds after contact. OIL PAINTING BY DONA JALUFKA, VIENNA, AUSTRIA