

# Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



Volume 7, Number 3 • June 2011

ABOUT THE COVER:

People gathering water from a huge well in the village of Natwargadh in the western Indian state of Gujarat on June 1, 2003. Groundwater levels in this area are currently dropping 3 m per year, on average, and salt water is infiltrating local aquifers, primarily due to overwithdrawal to support local agricultural activities. ORIGINAL PHOTO: AMIT DAVE, REUTERS

*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 Mineralogía, the Swiss Society of Mineralogy and Petrology, and the Meteoritical Society. 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 2011 subscription. Institutional subscriptions are available for US\$160 (US\$175 non-US addresses) a year in 2011. 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](http://www.elementsmagazine.org)



## Global Water Sustainability

Guest Editors: Janet G. Hering, Chen Zhu, and Eric H. Oelkers



### Water: Is There a Global Crisis?

Eric H. Oelkers, Janet G. Hering, and Chen Zhu



### Water and Sanitation in Developing Countries: Geochemical Aspects of Quality and Treatment

Richard B. Johnston, Michael Berg, C. Annette Johnson, Elizabeth Tilley, and Janet G. Hering



### Hydrogeochemical Processes and Controls on Water Quality and Water Management

Chen Zhu and Franklin W. Schwartz



### Groundwater: A Resource in Decline

Franklin W. Schwartz and Motomu Ibaraki



### Water Management Challenges Associated with the Production of Shale Gas by Hydraulic Fracturing

Kelvin B. Gregory, Radisav D. Vidic, and David A. Dzombak



### Water Conservation, Efficiency, and Reuse

Henry Vaux Jr.

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