

Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



Volume 7, Number 6 • December 2011

Mine Wastes

Guest Editors: **Karen A. Hudson-Edwards, Heather E. Jamieson, and Bernd G. Lottermoser**



Mine Wastes: Past, Present, Future

Karen A. Hudson-Edwards, Heather E. Jamieson, and Bernd G. Lottermoser



Geochemistry and Mineralogy of Solid Mine Waste: Essential Knowledge for Predicting Environmental Impact

Heather E. Jamieson



Waste Streams of Oil Sands: Characteristics and Remediation

Kim L. Kasperski and Randy J. Mikula



Mine Waters: Acidic to Circumneutral

D. Kirk Nordstrom



Mine Wastes and Human Health

Geoffrey S. Plumlee and Suzette A. Morman



Recycling, Reuse and Rehabilitation of Mine Wastes

Bernd G. Lottermoser

ABOUT THE COVER: Acidic drainage water in the Río Tinto, Spain. Multicolored efflorescent sulfate minerals have precipitated along the river banks. Field of view is about 1.2 m on long axis of cover photo. PHOTOGRAPH BY BERND LOTTERMOSER

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 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

GeoScienceWorld
Participating Publisher



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