

Elements

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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

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