Table of Contents

268 Honorary Lecture—Integrating seismic, CSEM, and well-log data for reservoir characterization, L. MacGregor

278 Field Camp—Outstanding in the field: Hands-on geophysical education, R. Stewart, J. Sisson, S. Hall, J. Huang, K. Spikes, and S. Danbom

Special section: Mining geophysics

288 Introduction to this special section: Mining geophysics, Bill Goodway

292 The evolution of minerals exploration over 60 years and the imperative to explore undercover, K. Witherly

296 The discovery of the Maria deposit, Mexico, S. Visser and J. Lajoie

304 Robust mining geophysics exploration in Mongolia, U. Gotovsuren, A. Sodnomdorj, K. Batdorj, D. Nergui, and L. Gochioco

308 Coal geophysics expands with growing global demands for mine safety and productivity, L. Gochioco, J. Gochioco, and F. Ruev Jr.

316 Inverting airborne geophysical data for mega-cell and giga-cell 3D Earth models, G. Wilson, L. Cox, M. Čuma, and M. Zhdanov

322 Unified geophysical and geological 3D Earth models, P. Lelièvre, A. Carter-McAulay, C. Farquharson, and C. Hurich

330 How to make better use of physical properties in mineral exploration: The exploration site measurement, R. Smith, M. Shore, and D. Rainsford

338 Passive seismic tomography for three-dimensional time-lapse imaging of mining-induced rock mass changes, E. Westman, K. Luxbacher, and S. Schafrik

Departments

254 Editorial Calendar
256 President’s Page
258 From the Other Side
260 Foundation News
264 SEAM
346 Bright Spots
350 Student Zone
352 Reviews
356 Announcements
358 State of the Net
360 Calendar
363 Personals
364 Membership
365 Memorials
367 Classifieds
368 Advertising Index

Cover design by Kathy Gamble. Image provided by Visser et al.