Gold

Guest Editors: Robert M. Hough and Charles R. M. Butt

Why Gold Is Valuable
Charles R. M. Butt and Robert M. Hough

Gold in Solution
Anthony E. Williams-Jones, Robert J. Bowell, and Artashes A. Migdisov

Gold Deposits: Where, When and Why
John L. Walshe and James S. Cleverley

From Source to Sinks in Auriferous Magmatic-Hydrothermal Porphyry and Epithermal Deposits
Richard M. Tosdal, John H. Dilles, and David R. Cooke

The Crystallography, Metallography and Composition of Gold
Robert M. Hough, Charles R. M. Butt, and J. Fischer-Bühner

The Biogeochemistry of Gold
Gordon Southam, Maggy F. Lengke, Lintern Fairbrother, and Frank Reith

Gold and Nanotechnology
Claire M. Cobley and Younan Xia

About the Cover:
The Liversidge nugget, in the Royal Museum, Edinburgh, was described in 1888 by Archibald Liversidge, pioneer gold geologist and geochemist and an important early protagonist for science in Australia. See page 335 of this issue. Photograph by Charles Butt 2009 by permission of the trustees, National Museums Scotland

Departments
Editorial – All That Glitters... ........................................ 267
From the Editors – This Issue; 2010 Catalogue .................. 268
Letter to the Editors .................................................... 268
Triple Point – Asbestos: A View from a Different Hilltop .... 269
People in the News – 2009 AGU Fellows, Meibom .......... 270
Obituary – Ernest H. Nickel ........................................ 272
Meet the Authors ....................................................... 274
Society News
Società Italiana di Mineralogia e Petrologia .................... 315
Deutsche Mineralogische Gesellschaft ........................ 316
The Clay Minerals Society ........................................ 318
Mineralogical Society of Great Britain and Ireland ......... 320
Geochemical Society ................................................ 314, 321
European Association for Geochemistry ...................... 322
Mineralogical Society of America ............................... 324
Mineralogical Association of Canada .......................... 326
Association of Applied Geochemists .......................... 328
Société Française de Minéralogie et de Cristallographie ... 329
Meeting Reports – 14th ICC .................................. 330
Book Reviews – Isotope Geology, Working with Migmatites 331
Calendar ................................................................. 333
Parting Shots – Liversidge, Pioneer Gold Geologist ....... 335
Advertisers in This Issue ......................................... 336