

## Interesting Papers in Other Journals

### AAPG Bulletin\* Vol.88, No.5, May 2004

JAMES COLLISTER and others: Modification of the petroleum system concept: Origins of alkanes and isoprenoids in crude oils. pp. 587-611.

### Australian Journal of Earth Sciences\* Vol.51, No.1, February 2004

WYCHE, S. and others: 4350-3130 Ma detrital zircons in the Southern Cross Granite-Greenstone Terrane, Western Australia: implications for the early evolution of the Yilgarn Craton. pp. 31-45.

DOWNES, P.M. and SECCOMBE, P.K.: Sulfur isotope distribution in the Late Silurian volcanic-hosted massive sulfide deposits of the Hill End Trough, eastern Lachlan Fold Belt, New South Wales. pp. 123-139.

### Current Science\* Vol.86, No.9, 10 May 2004

CHEOL-SOO YUN and others: The first crocodyliform (Archosauria: Crocodylomorpha) from the Early Cretaceous of Korea. pp. 1200-1201.

DEBKUMAR BHATTACHARYYA and others: Arsenic-polluted groundwater in West Bengal: A cost-effective remedy. pp. 1206-1209.

GUPTA, S.K. and DESHPANDE, R.D.: Water for India in 2050: first-order assessment of available options. pp. 1216-1224.

FLEMMING, N.C.: Submarine prehistoric archaeology of the Indian continental shelf: A potential resource. pp. 1225-1230.

SUNDARESH and others: Underwater investigations off Mahabalipuram, Tamil Nadu, India. pp. 1231-1237.

SILA TRIPATI and others: Shipwreck archaeology of Goa: Evidence of maritime contacts with other countries. pp. 1238-1245.

GAUR, A.S. and others: An ancient harbour at Dwarka: Study based on the recent underwater explorations. pp. 1256-1260.

MAIBAM BIDYANANDA and SACHINATH MITRA: Room temperature <sup>57</sup>Fe Mössbauer characteristics of chromites from the Nuggihalli schist belt, Dharwar craton, southern India. pp. 1293-1297.

NAGESWARA RAO, K. and others: Kolleru lake is vanishing – a revelation through digital processing of IRS-1D LISS-III sensor data. pp. 1312-1316.

PADMAKUMARI, V.M. and AHMAD, S.M.: Ash layer at ~ 8 Ma in ODP Site 758 from the Bay of Bengal: evidence from Sr, Nd isotopic compositions and rare earth elements. pp. 1323-1325.

### Vol.86, No.10, 25 May 2004

ASWATHANARAYANA, U.: Geoscience curriculum. p. 1350.

SRIDEVI JADE: Estimates of plate velocity and crustal deformation in the Indian subcontinent using GPS geodesy. pp. 1443-1448.

### Contributions to Mineralogy and Petrology Vol.147, No.3, May 2004

SCAILLET, B. and MACDONALD, R.: Fluorite stability in silicic magmas. pp. 319-329.

RAJESH, H.M.: The igneous charnockite-high-K alkali-calcic I-type granite-incipient charnockite association in Trivandrum Block, southern India. pp. 346-362.

PAOLO NIMIS and others: Phyllosilicate minerals in the hydrothermal mafic-ultramafic-hosted massive-sulfide deposit of Ivanovka (southern Urals): comparison with modern ocean seafloor analogues. pp. 363-383.

### Earth and Planetary Science Letters\* Vol.216, 2003

SINGH, B.P.: Evidence of growth fault and forebulge in the Late Paleocene (~57.9-54.7 Ma), western Himalayan foreland basin, India.

### EOS\* Vol.85, No.16, 20 April 2004

MARIA LUCE FREZZOTTI and ANGELO PECCERILLO: Fluid Inclusion and Petrological Studies Elucidate Reconstruction of Magma Conduits. p. 157.

### Vol.85, No.19, 11 May 2004

GOULD, J. and others: Argo Profiling Floats Bring New Era of *In Situ* Ocean Observations. p. 185.

VUJAY P. SINGH: Interdisciplinary Discussions of Hydrology and River Linking Take Place in India. p. 187.

### Geochimica et Cosmochimica Acta\* Vol.68, No.9, 2004

SUDESH YADAV and RAJAMANI, V.: Geochemistry of aerosols of northwestern part of India adjoining the Thar Desert. pp. 1975-1988.

### GIS Development\* Vol.8, No.4, April 2004

DANIEL STEUDLER and others: A worldwide comparison of cadastral systems. pp. 16-19.

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\*Journal / Reprint available in the Society's Library

KARL HARMSSEN and others Assessment of the use of RS and GIS in India pp 36-41

**Journal of Asian Earth Sciences\***  
**Vol.23, 2004**

SINGH, B P and others Dense mineral data from the northwestern Himalayan foreland sedimentary rocks and recent river sediments evaluation of the hinterland pp 25-35

RAJESH K SRIVASTAVA and R K SINGH Trace element geochemistry and genesis of Precambrian sub-alkaline mafic dikes from the central Indian craton evidence from mantle metasomatism pp 373-389

**Journal of Economic Geology and Georesource Management\***  
**Vol.1, No.1, January 2004**

KHAN, M W Y and RAI, K L (Eds ) Special Issue on Auriferous formations and gold exploration pp 1-168

**Journal of Geochemical Exploration**  
**Vol.80, Nos.2-3, September 2003**

KURT KYSER and ERIC E HIATT Fluids in sedimentary basins an introduction pp 139-149

JANNA PEEVLER and others Sulfur isotope microanalysis of sphalerite by SIMS constraints on the genesis of Mississippi valley-type mineralization, from the Mascot-Jefferson City district, East Tennessee pp 277-296

GREGORY J HOLK and others Mobile Pb-isotopes in Proterozoic sedimentary basins as guides for exploration of uranium deposits pp 297-320

**Journal of the Geological Society, London\***  
**Vol.161, Part 2, March 2004**

MONTERO, P and others 55 million years of continuous anatexis in Central Iberia single-zircon dating of the Pena Negra Complex pp 255-263

LAW, R D and others Strain, deformation temperatures and vorticity of flow at the top of the Greater Himalayan Slab, Everest Massif, Tibet pp 305-320

**Vol.161, Part 3, May 2004**

SHERLOCK, S C and others Dating fault reactivation by Ar/Ar laserprobe an alternative view of apparently cogenetic mylonite-pseudotachylite assemblages pp 335-338

HOLGER LYKKE-ANDERSEN and FINN SURLYK The Cretaceous-Palaeogene boundary at Stevns Klint, Denmark inversion tectonics or sea-floor topography? pp 343-352

STEPHEN P HESSELBO and others Sea-level change and facies development across potential Triassic-Jurassic boundary horizons, SW Britain pp 365-379

DAVID C MUDGE and STEPHEN M JONES Palaeocene uplift and

subsidence events in the Scotland-Shetland and North Sea region and their relationship to the Iceland Plume pp 381-386

SEBASTIEN NOMADE and others  $^{40}\text{Ar}/^{39}\text{Ar}$  age constraints on ore deposition and cooling of the Bushveld Complex, South Africa pp 411-420

ALLEN P NUTMAN and others Dating of the Ameralik dyke swarms of the Nuuk district, southern West Greenland mafic intrusion events starting from c 3510 Ma pp 421-430

PRENDERGAST, M D The Bulawayan Supergroup a late Archaean passive margin-related large igneous province in the Zimbabwe craton pp 431-445

SERGEY V ZIABREV and others Bainang Terrane, Yarlung-Tsangpo suture, southern Tibet (Xizang, China) a record of intra-Neotethyan subduction-accretion processes preserved on the roof of the world pp 523-538

**Lithos**

**Vol.71, Nos.2-4, December 2003**

HEAMAN, L M and others The timing of kimberlite magmatism in North America implications for global kimberlite genesis and diamond-exploration pp 153-184

DANIEL J SCHULZE A classification scheme for mantle derived garnets in kimberlite a tool for investigating the mantle and exploring for diamonds pp 195-213

STEVEN B SHIREY and others Regional patterns in the paragenesis and age of inclusions in diamond, diamond composition, and the lithospheric seismic structure of Southern Africa pp 243-258

HOAL, K O Samples of Proterozoic iron-enriched mantle from the Premier kimberlite pp 259-272

DAVID E JAMES and others Crustal structure of the Kaapvaal craton and its significance for early crustal evolution pp 413-429

THOMAS STACHEL and others Peridotitic diamonds from the Slave and the Kaapvaal cratons—similarities and differences based on a preliminary data set pp 489-503

**Mineralium Deposita**

**Vol.39, No.1, January 2004**

SVEN E WILLE and REINER KLEMD Fluid inclusion studies of the Abawso gold prospect, near the Ashanti Belt, Ghana pp 31-45

JOCHEN KOLB and others Comment on the paper by Pandalai et al Dissolution channels in quartz and the role of pressure changes in gold and sulfide deposition in the Archean, greenstone-hosted Hutti gold deposit, Karnataka, India (Mineralium Deposita 38 597-624)

**Mineralogy and Petrology\***  
**Vol.80, 2004**

RAJESH K SRIVASTAVA and A K SINHA Early Cretaceous Sung

Valley ultramafic-alkaline-carbonatite complex, Shillong Plateau, Northeastern India: petrological and genetic significance. pp. 241-263.

**Nature\***

**Vol.429, No.6988, 13 May 2004**

JOHN WHITFIELD: Time lords. pp. 124-125.

**Vol.429, No.6989, 20 May 2004**

KARL MUELLER and others: Analysing the 1811-1812 New Madrid earthquakes with recent instrumentally recorded aftershocks. pp. 284-288.

MICHAEL J. VENDRASCO and others: Articulated Palaeozoic fossil with 17 plates greatly expands disparity of early chitons. pp. 288-291.

**Vol.429, No.6990, 27 May 2004**

HIROSHI OHMOTO and others: Evidence from massive siderite beds for a CO<sub>2</sub>-rich atmosphere before ~1.8 billion years ago. pp.395-399.

**Precambrian Research**

**Vol.130, Nos.1-4, 20 April 2004**

WILLBOLD, M. and others: Geochemical evidence for a Neoproterozoic magmatic continental margin in Sri Lanka—relevance for the Rodinia–Gondwana supercontinent cycle. pp. 185-198.

RAJAT MAZUMDER and SUBIR SARKAR: Sedimentation history of the Palaeoproterozoic Dhanjori Formation, Singhbhum, Eastern India. pp. 267-287.

MILAN M. CIRKOVIC: A comment on tectonics and the future of life on terrestrial planets. pp. 289-291.

**Vol.131, 2004**

RAJESH K. SRIVASTAVA and others: Neoarchaeon mafic volcanic rocks from the southern Bastar greenstone belt, Central India: petrological and tectonic significance. pp. 305-322.

**Proceedings of the Indian National Science Academy\***

**Vol.69/5, September 2003**

MOHANTY, U.C. and others: A Study on Diagnostic Aspects of South Asian Summer Monsoon. pp. 505-521.

PIELKE, R.A. and others: A New Perspective on Climate Change and Variability: A Focus on India. pp. 585-602.

**South African Journal of Geology\***

**Vol.106, No.4, December 2003**

CRISTIANO LANA and others: Geology and geochemistry of a granite-greenstone association in the southeastern Vredefort dome, South Africa. pp. 291-314.

KALBSKOPF, S.P. and BARTON JR., J.M.: The Zandvriev Deposit, Pretersburg Green Belt, South Africa: an Auriferous Tourmalinite. pp. 361-374.

BASSON, I.J. and VIOLA, G.: Structural overview of selected Group II kimberlite dyke arrays in South Africa: implications for kimberlite emplacement mechanisms. pp. 375-394.

KILLICK, A.M.: Fault Rock Classification: An aid to structural interpretation in mine and exploration geology. pp. 395-402.

**The Canadian Mineralogist\***

**Vol.41, Part 6, December 2003**

BERNARD E. LEAKE and others: Nomenclature of Amphiboles: Additions and Revisions to the International Mineralogical Association's 1997 Recommendations. pp. 1355-1362.

## **New Books/Publications of interest in Earth-Sciences**

Exploring Mercury: The Iron Planet. By Robert G. Strom and Ann L. Sprague. Springer Praxis Books. 2003, 216 p., \$39.95.

Antarctic Peninsula Climate Variability: Historical and Palaeoenvironmental Perspectives. By Eugene Domack, Amy Leventer, Adam Burnett, Robert Bindshadler, Peter Convey, and Matthew Kirby. AGU, 2004, \$80.00.

Explosive Subaqueous Volcanism. By James D. White, John L. Smellie and David A. Clague. AGU, 2004, \$90.00.

Biogeochemistry of the Ross Sea. By Giacomo R. DiTullio and Robert B. Dunbar. AGU, 2004, \$89.00.

Volcanism and the Earth's Atmosphere. By Alan Robock, Clive Oppenheimer. AGU, 2004, \$77.00.

Groundwaters of New Zealand. By Michael R. Rosen and Paul A. White. New Zealand Hydrological Society, Inc., Wellington North, New Zealand, 2001, 498 p., \$89.

Inside the Subduction Factory. By John Eiler. AGU, 2004, \$73.00.

The Silent Landspace (The voyage of HMS Challenger). By Richard Corfield. Joseph Henry/John Murray, 2003/2004, 304 p., \$24.95.

Global Change and the Earth System: A Planet under Pressure. By W. Steffen, A. Sanderson, P.D. Tyson, J. Jäger, P.A. Matson, B. Moore III, F. Oldfield, K. Richardson, H.J. Schellnhuber, B.L. Turner II, R.J. Wasson. Springer, 2004, 336 p., \$129.

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