

Interesting Papers in Other Journals

Current Science

Vol.82, No.4, 25 February 2002

- THAKUR, V.C. and WESNOUSKY, S.G.: Seismotectonics of 26 January 2001 Bhuj earthquake-affected region. pp. 396-399.
- PALLIS, J.: Chaotic and complex systems. pp.403-406.
- GUPTA, S. C. and ASHWINI KUMAR : Seismic wave attenuation characteristics of three Indian regions: A comparative study. pp. 407-413
- JUAL, K.P. and others: Microfauna and age of the Sangcha Malla Formation of Garhwal Tethys Himalaya, India. pp. 458-462
- GUPTA, S.K. and others: On the origin of the artesian groundwater and escaping gas at Narveri after the Bhuj earthquake. pp. 463-468

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- ROY, A.B. and JAKHAR, S.R.: Vedic Saraswati. pp. 492-493.
- SUNIL BAJPAI and THEWISSEN, J.G.M.: Vertebrate fauna from Panandhro lignite field (Lower Eocene), District Kachchh, Western India. pp. 507-509.
- TARAKNATH PAL and others: Nature of arsenic pollutants in groundwater of Bengal Basin – A case study from Baruipur area, West Bengal, India. pp. 554-561.
- SINHA, R. and others: Mega-geomorphology and sedimentation history of parts of the Ganga-Yamuna plains. pp. 562-566.
- DHRUV SEN SINGH and AJAI MISHRA: Role of tributary glaciers on landscape modification in the Gangotri Glacier area, Garhwal Himalaya, India. pp. 567-571.
- SENTHIL KUMAR, P. and SRINIVASAN, S.: Fertility of Late Archaean basement granite in the vicinity of U-mineralized Peninsular India. pp. 571-575.

Nature

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- ALEXANDER, A. PROKOPENKO and others: Age of Long Sediment Cores from Lake Baikal. pp. 976.
- PETER CERVELLI and others: Sudden aseismic fault slip on the south flank of Kilauea volcano. pp. 1014-1018.

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- MICHAEL J. DRAKE and KEVIN RIGHTER: Determining the composition of the Earth. pp. 39-44.
- DAVID M. ANDERSON and DAVID ARCHER: Glacial-interglacial stability of ocean pH inferred from foraminifer dissolution rates. pp. 70-73.
- J.WILLIAM SCHOPF and others: Laser-Raman imagery of Earth's earliest fossils. pp. 73-76.
- MARTIN D. BRAISER and others: Questioning the evidence for Earth's oldest fossils. pp. 76-81.

Earth and Planetary Sciences

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- MUKHOPADHYAY, S. and others: Simultaneous inversion of the aftershock data of the 1993 Killari earthquake in Peninsular India and its seismotectonic implications. pp. 1-15.
- KRISHNA, K.S. and others: Formation of diapiric structure in the deformation zone, central Indian Ocean: A model from gravity and seismic reflection data. pp. 17-28.

National Geographic

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- ANDREW COCKBURN: Diamonds: The Real Story. Funnelled through secretive networks, these precious gems can carry a huge cost in human suffering. pp. 2-35.

Contributions to Mineralogy and Petrology

Vol.142, No.5, February 2002

- JORG RENNEN and others: Grain growth and inclusion formation in partially molten carbonate rocks. pp. 501-514.
- KAJ HOERNLE and others: Geochemistry of oceanic carbonatites compared with continental carbonatites: mantle recycling of oceanic crustal carbonate. pp. 520-542.
- LE ROUX, P.J. and others: Crystallization processes beneath the southern Mid-Atlantic Ridge (40-55°S), evidence for high-pressure initiation of crystallization. pp. 582-602.
- GREGOIRE, M and others: Trace element geochemistry of phlogopite-rich mafic mantle xenoliths: their classification and their relationship to phlogopite-bearing peridotites and kimberlites revisited. pp. 603-625.

Journal of Petrology

Vol.42, No.11, November 2001

- O.T.RAMO and others: Petrogenesis of the Post-kinematic Magmatism of the Central Finland Granitoid Complex I; Radiogenic Isotope Constraints and Implications for Crustal Evolution. pp. 1971-1993.
- JOCHEN ROTZLER and ROLF L.ROMER: P-T-t Evolution of Ultrahigh-Temperature Granulites from the Saxon Granulite Massif, Germany, Part I: Petrology. pp. 1995-2013.
- ROLF L. ROMER and JOCHEN ROTZLER: P-T-t Evolution of Ultrahigh-Temperature Granulites from the Saxon Granulite Massif, Germany. Part II: Geochronology. pp. 2015-2032.
- RONALD FROST, B. and others: A Geochemical Classification for Granitic Rocks. pp. 2033-2048.
- MOINE, B.N. and others: High Field Strength Element Fractionation in the Upper Mantle: Evidence from Amphibole-Rich Composite Mantle Xenoliths from the Kerguelen Islands (Indian Ocean). pp. 2145-2167.
- KERR, A.G. and ARNDT, N.T.: A Note on the IUGS Reclassification of the High-Mg and Picritic Volcanic Rocks. pp. 2169-2171.

Canadian Journal of Earth Sciences

Vol.38, No.11, November 2001

- NATHAN HAYWARD and others: The structure of the northeastern Gulf of St. Lawrence, Canada: new insight from geophysical data analysis. pp. 1495-1516.
- PHINNEY, W.C. and HALLS, H.C.: Petrogenesis of the Early Proterozoic Matachewan dyke swarm, Canada, and implications for magma emplacement and subsequent deformation. pp. 1541-1563.
- NANCY A. VAN WAGONER and others: The Silurian (?) Passamaquoddy Bay mafic dyke swarm, New Brunswick: petrogenesis and tectonic implications. pp. 1565-1578.

**Geological Survey of Finland, Current Research 1999-2000
Special Paper 31, 2001**

- PENTTI HOLTTA and JUHA KARHU: Oxygen and Carbon Isotope Compositions of Carbonates in the Alteration Zones of Orogenic Gold Deposits in Central Finnish Lapland. pp. 25-29.
- KARI A. KINNUNEN: Photographic Interpretation of Morphology and Surface Textures of Diamond Crystals from Kaavi Kimberlite Province in Finland. pp. 41-46.
- JUHA V. KORHONEN and others: The Magnetic Anomaly Maps of Central Finland – Russian Karelia and North Finland – Kola 1: 1,000,000. pp. 117-121.
- MERTANEN, S. and others: Applying Palaeomagnetic Method for Dating Young Geological Events. pp. 123-129.

**Gondwana Research
Vol.5, No.2, April 2002**

- SIAL, A.N. and others: Granites in Crustal Evolution and Metallogenesis: Introduction. pp. 259-260.
- WIEDEMANN, C.M. and others: Architecture of Late Orogenic Plutons in the Aracuai-Ribeira Fold Belt, Southeast Brazil. pp. 381-399.
- MANISH A. MAMTANI and others: Evidence of Polyphase Deformation in Gneissic Rocks Around Devgadh Bariya: Implications for Evolution of Godhra Granite in the Southern Aravalli Region (India). pp. 401-408.
- COSTI, H.T. and others: Tin-Bearing Sodic Episyenites Associated with the Proterozoic, A-Type Agua Boa Granite, Pitinga Mine, Amazonian Craton, Brazil. pp. 435-451.
- SUBBA RAO, M.V. and NARAYANA, B.L.: Geochemistry and Petrogenesis of Kunduru Betta Calc-Alkaline Ring Complex in the Dharwar Craton, Southern India. pp. 453-465.
- ABHINABA ROY and others: Low Pressure Metamorphism, Deformation

and Syntectonic Granite Emplacement in the Palaeoproterozoic Mahakoshal Supracrustal Belt, Central India. pp. 489-500.

- TARAKNATH PAL and others: Arsenic Pollution in Groundwater of West Bengal, India – An Insight into the Problem by Subsurface Sediment Analysis. pp. 501-512.
- REDDY, P.R. and others: Basement Structure Below the Coastal Belt of Krishna-Godavari Basin: Correlation Between Seismic Structure and Well Information. pp. 513-518.
- PRODIP DUTTA: Gondwana Lithostratigraphy of Peninsular India. pp. 540-553.
- VENKAT REDDY, D.: Evaluation of Natural Defects in Commercial Decorative Rock Deposits in Karnataka, India. pp. 557-560.
- PANDIT, M.K.: International Symposium on the Assembly and Break-up of Rodinia and Gondwana, and Growth of Asia. pp. 561-563.

Pinsa

Vol.68, No.1, January 2002

- SOMNATH DASGUPTA and PULAK SENGUPTA: Ultra high Temperature Metamorphism in the Eastern Ghats Belt, India: Evidence from High Mg-Al Granulites. pp. 21-34.

**Precambrian Research
Vol.113, No.3-4, 31 January 2002**

- CHRISTOPH DOBMEIER and RALF SIMMAT: Post-Grenvillean transpression in the Chilka Lake area, Eastern Ghats Belt – Implications for the Geological Evolution of Peninsular India. pp. 243-268.

**Journal of the Geological Society, London
Vol.159, Part 2, March 2002**

- ENGLAND, G.L. and others: Archaean Oil Migration in the Witwatersrand Basin of South Africa. pp. 189-201.

(Compiled by Dr. Fareeduddin, Geological Survey of India, Bangalore)

Compilation on Heavy Metal Pollution

Prof. K.C. Sahu, Retired Professor of Geology at IIT, Mumbai, has brought out a compilation on "Heavy Metal Pollution – with case studies from India". This 238 page write-up comprises 26 papers dealing with problems arising out of heavy metal pollution (Pb, Zn, Cd, Cu, Cr, Co, Ni and Hg) with special reference to urban and industrial environments in India. The compilation is available for consultation in the Geological Society of India library at Bangalore as a reference work for researchers, environmentalists, Government Departments and Non-Governmental Organisations (NGOs).