

## **Interesting Papers in other Journals**

### **Applied Geophysics**

Vol. 29, Nos. 3/4, 14 April 1993

CASSINS, R., AELLIG, K. and PANZA, G. F. (Eds.) Special Issue : Geophysical Exploration in areas of complex geology, I, pp. 179-338.

Vol. 30, Nos. 1/2, 28 April 1993

CASSINS, R. and OTHERS (Eds.). Special Issue : Geophysical Exploration in areas of Complex Geology II, pp. 1-160.

Vol. 30, No. 3, May 1993

DENTITH, M. C. and OTHERS. Geophysical exploration for Archaean gold : a case study from the Southern Cross Greenstone Belt, Western Australia, pp. 175-186.

### **Bull. American Association of Petroleum Geologists**

[Vol. 77, No. 4, April 1993

HALDORSEN, H. H. and DAMSLETH, E. Challenges in Reservoir Characterization, pp. 541-551.

BOUISSET, P. M. and AUGUSTIN, A. M. Borehole Magnetostratigraphy, Absolute Age Dating, and Correlation of Sedimentary rocks, with examples from the Paris Basin, France, pp. 569-587.

Vol. 77, No. 5, May 1993

TOWNES, H. L. The Hydrocarbon Era, World Population Growth and Oil use—A continuing geological challenge, pp. 723-730.

POSAMENTIER, H. W. and PAUL WEIMER. Siliciclastic Sequence Stratigraphy and Petroleum Geology—Where to From Here, pp. 731-742.

ULMISHEK, G. F. and OTHERS. The Global Oil System : The relationship between oil generation, Loss, Half-life, and the World Crude Oil—Resource : Discussion, pp. 896-899.

### **Bull. Geological Society of America**

Vol. 105, No. 6, June 1993

PUFFER, J. H. and HORTER, D. L. Origin of pegmatitic segregation veins within flood basalts, pp. 738-748,

### **Chemical Geology**

Vol. 104, Nos. 1/4, 10 February 1993

CONDIE, K. C. Chemical composition and evolution of the upper continental crust : contrasting results from surface samples and shales, pp. 1-37.

TOTLAND, M. and OTHERS. Determination of the platinum-group elements and gold in solid samples by slurry nebulisation ICP-MS, pp. 175-188.

WENDT, I. Isochron or mixing line ? pp. 301-305.

Vol. 105, Nos. 1/3, 15 March 1993

BRANTLEY, S. L. and VELBEL, M. A. (Eds.) Special Issue : Geochemical kinetics of mineral-water reactions.

### **Current Science**

Vol. 65, No. 1, 10 July 1993

SINHA-ROY, S. and OTHERS. Banas dislocation zone in Nathadwara-Khamnor area, Udaipur district, Rajasthan, and its significance on the basement-cover relations in the Aravalli fold belt, pp. 68-72.

JOUR. GEOL. SOC. INDIA, VOL. 42, OCT. 1993

Vol. 65, No. 2, 25 July 1993

GOPALAKRISHNAN, R. Exploration for gold using termitaria, pp. 168-169.

SRIVASTAVA, R. K. and OTHERS. Sr-REE rich carbonatite dyke from Sarnu-Dandali, Barmer, Rajasthan, pp. 170-171.

SHUKLA, U. K. and SINGH, I. B. First record of marine microinvertebrate from Bhuj Sandstone (Lower Cretaceous) of eastern Kachch, pp. 171-174.

**Exploration and Mining Geology**

(Jour. of the Geological Society of CIM)

Vol. 2, No. 1, January 1993

ZENGQUAN HOU and XUANXUE MO. Geology, Geochemistry and Genetic Aspects of Kuroko-type Volcanogenic Massive Sulfide Deposits in Sanjiang Region, Southwestern China, pp. 12-29.

KAIHUI YANG and XUANXUE MO. Characteristics of Laochang Volcanogenic Massive Sulfide Deposit, Southwestern Yunnan, China, pp. 31-40.

**GSA Today**

Vol. 3, No. 1, January 1993

COSTA, J. E. and SYLVESTER, A. G. The Crists in Scientific Publication, pp. 13-15.

**Geology**

Vol. 21, No. 5, May 1993

LEES, J. M. and NICHOLSON, C. Three-dimensional tomography of the 1992 Southern California earthquake sequence: Constraints on dynamic earthquake rupture? pp. 387-390.

LECLAIR, A. D. and OTHERS. Crustal-scale auriferous shear zone in the Central Superior province, Canada, pp. 399-402.

JAIN, A. K. and MANICKAVASAGAM, R. M. Inverted metamorphism in the intracontinental ductile shear zone during Himalayan collision tectonics, pp. 407-410.

TRACY RUSHNNER. Experimental high-pressure granulites: some applications to natural mafic xenolith suites and Archaean granulite terranes, pp. 411-414.

DESROCHERS, J. P. and OTHERS. Accretion of Archaean oceanic plateau fragments in the Abitibi greenstone belt, Canada, pp. 451-454.

Vol. 21, No. 6, June 1993

IVANY, L. C. and SALAWITCH, R. J. Carbon isotopic evidence for biomass burning at the K-T boundary, pp. 487-490.

COHEN, A. S. and OTHERS. Estimating the age of formation of lakes: An example from Lake Tanganyika, East African Rift System, pp. 511-514.

COFFIN, M. F. and OLAV ELDHOLM. Scratching the surface: Estimating dimensions of large igneous provinces, pp. 515-518.

MATHENEY, R. K. and PAUL KRAUTH, L. New isotopic temperature estimates for early silica diagenesis in bedded cherts, pp. 519-522.

HERRINGTON, R. J. and WILKINSON, J. J. Colloidal gold and silica in mesothermal vein systems, pp. 539-542.

ACHIM ALBRECHT and OTHERS. Quaternary erosion and cosmic-ray exposure history derived from  $^{10}\text{Be}$  and  $^{26}\text{Al}$  produced *in situ*—An example from Pajarito plateau, Valles caldera region, pp. 551-554.**Indian Minerals**

Vol. 47, No. 1, January-March 1993

NAIR, R. S. Geochemical investigation and economic potential of nickel and other associated metal contents of the magnesite-bearing ultramafic rocks of Chalk hills, Salem district, Tamil Nadu, pp. 1-14.

- RAY, A. Digital analysis of LANDSAT-2 Data, Sargipalli Lead-Zinc Belt, Sundergarh District, Orissa, pp. 39-52.
- SARMA, K. J. and OTHERS. Potentiality of chromite in the layered rocks of Khammam district, Andhra Pradesh, pp. 53-66.

### Israel Jour. Earth Sciences

Vol. 41, No. 1, 1992

- VITA-FINZI, C. Shells, isotopes, and tectonics, pp. 1-8.

Vol. 41, Nos. 2-4, 1992

- LUNA B. LEOPOLD. Base level rise: Gradient of deposition, pp. 57-64.
- VICTOR R. BAKER and OTHERS. Morphostructural megageomorphology, pp. 65-73.
- HARVEY, A. M. The influence of sedimentary cycle on the morphology and development of alluvial fans, pp. 123-137.
- OLLIEV, C. D. Age of soils and landform in Uganda, pp. 227-231.

### Journal of the Geological Society

Vol. 150, Part 4, July 1993

- MARJORIE WILSON. Magmatic differentiation, pp. 611-624.
- HALL, R. P. and HUGHES, D. J. Early Precambrian crustal development: changing styles of mafic magmatism, pp. 625-635.
- BAILEY, D. K. Carbonate magmas, pp. 637-651.
- KOVACH, W. L. Multivariate techniques for biostratigraphical correlation, pp. 697-705.
- BOULTER, M. C. and MANUM, S. B. Further comments on a geological map of the southern Deccan Traps, India and its structural implications, pp. 791-794.

### Lithos

Vol. 30, No. 2, June 1993

- LITVINOSKY, B. A. and PODLADCHIKOV, YU. YU. Crustal anatexis during the influx of mantle volatiles, pp. 93-107.
- DANIEL MULLER and OTHERS. Potassic alkaline lamprophyres with affinities to lamproites from the Kauria syncline, South Australia, pp. 123-137.
- CAMERON, E. M. and OTHERS. Mobilization of gold in the deep crust: evidence from mafic intrusions in the Bamble belt, Norway, pp. 151-166.

### National Geographic

Vol. 183, No. 5, May 1993

- VESILUID, P. J. Water—The Middle East's critical resource.

### Nature

Vol. 364, No. 6434, 15 July 1993

- GREENLAND ICE-CORE PROJECT (GRIP) MEMBERS. Climate instability during the last interglacial period recorded in the GRIP ice core, pp. 203-207.
- ERIC HUMLER and OTHERS. Global correlations of mid-ocean-ridge basalt chemistry with seismic tomographic images, pp. 225-228.

Vol. 364, No. 6435, 22 July 1993

- SURINBANKS, D. Earthquake exposes gaps in seismic network, p. 271.
- DICKINSON, W. R. Making composite continents, pp. 284-285.
- SENGOR, A. M. C. and OTHERS. Evolution of the Altiid tectonic collage and palaeozoic crustal growth in Eurasia, pp. 299-307.

BLUM, J. D. and OTHERS. Isotopic comparison of K/T boundary impact glass with melt rock from the chicxulub and Manson impact structures, pp. 325-327.

Vol. 364, No. 6436, 29 July 1993

JOHN MADDOX. Endless ripples on the sands of time, p. 385.

JOHN C. MUTTER. Margins declassified, pp. 393-394.

ROD GAYER and DAVID RICKARD. Gold in South Wales Coal, p. 395.

JOUZEL, J. and OTHERS. Extending the Vostok ice-core record of palaeoclimate to the penultimate glacial period, pp. 407-412.

HOLBROOK, W. S. and KELEMEN, P. B. Large igneous province on the U.S. Atlantic margin and implications for magmatism during continental breakup, pp. 433-436.

### N. Jb. Geol. Palaeont. Abh.

Vol. 187, No. 1, November 1992

JEAN-CLAUDE RAGE and GUNTUPALLI V. R. PRASAD. New snakes from the late Cretaceous (Maastrichtian) of Naskal, India, pp. 83-97.

### Palaeontology

Vol. 36, Part I, 1993

PRASAD, G. V. R. and CAPPETTA, H. Late Cretaceous Selachians from India and the age of the Deccan Traps, pp. 231-248.

### Precambrian Research

Vol. 61, Nos. 1/2, February 1993

MUNSHI, R. L. and BAPNA, V. S. Proterozoic tectonic evolution and metallogenesis in the Aravalli-Delhi orogenic complex, northwestern India - Comment, pp. 165-167.

### Proc. of the Indian National Science Academy

Vol. 59, No. 4, 1993

(Part 4, Physical Sciences)

SINGH, M. P. and SINGH, G. P. Rock-eval pyrolysis study of the Palaeogene coals of Jammu, J and K, pp. 359-366.

### Science

Vol. 260, No. 5116, 25 June 1993

BARBARA ROMANOWICZ. Spatiotemporal patterns in the energy release of great earthquakes, pp. 1923-1926.

Vol. 261, No. 5117, 2 July 1993

TEN BRINK, U. S. and OTHERS. Geophysical Investigations of the Tectonic Boundary Between East and West Antarctica, pp. 45-50.

ROBERT W. LUTH. Diamonds, eclogites, and the oxidation state of the Earth's Mantle, pp. 66-68.

ROBERT A. BERNER. Palaeozoic Atmospheric CO<sub>2</sub>: Importance of Solar Radiation and Plant Evolution, pp. 68-70.