

## Interesting Papers in Other Journals

### AAPG Bulletin

Vol.81, No.11, 1997

- TIM DOOLEY and KEN McCLAY: Analog Modeling of Pull-Apart Basins. pp. 1804-1826.  
R.M. BUSTIN: Importance of Fabric and Composition on the Stress Sensitivity of Permeability in Some Coals, Northern Sydney Basin, Australia: Relevance to Coalbed Methane Exploitation. pp. 1894-1908.

### Chemical Geology

Vol.143, Nos.1-2, 1997

- URS SCHARER and others: U-Pb and Lu-Hf isotopes in baddeleyite and zircon megacrysts from the Mbuji-Mayi kimberlite: constraints on the subcontinental mantle. pp. 1-16.  
IAN JARVIS and others: Determination of the platinum-group elements in geological materials by ICP-MS using microwave digestion, alkali fusion and cation-exchange chromatography. pp. 27-42.  
R.K.W. MERKLE and T. WALLMACH: Ultramafic rocks in the centre of the Vredefort structure (South Africa): geochemical affinity to Bushveld rocks. pp. 43-64.  
CHRIS HARRIS and others: Oxygen and hydrogen isotope geochemistry of S- and I-type granitoids: the Cape Granite suite, South Africa. pp. 95-114.

### Contributions to Mineralogy and Petrology

Vol.130, No.1, 1997

- T.L. KNUDSEN and others: Detrital zircon ages from southern Norway - implications for the Proterozoic evolution of the southwestern Baltic Shield. pp. 47-58.

### Current Science

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- A.V. SANKARAN: Indo-Australian plate: Fresh reconstruction. pp. 190-191.  
ROGER BILHAM and others: Geodetic constraints on the translation and deformation of India: Implications for future great Himalayan earthquakes. pp. 213-229.  
ROBERT S. YEATS and V.C. THAKUR: Reassessment of earthquake hazard based on a fault-bend fold model of the Himalayan plate-boundary fault. pp. 230-233.  
SM. RAMASAMY and others: Mud eruption in Elagiri region, Tamil Nadu, South Indian peninsular shield. pp. 254-257.

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- A.V. SANKARAN: Oceanic methane hydrates: Untapped fossil-fuel reservoirs. pp. 281-282.  
D. CHAKRABORTI and others: Calcutta's industrial pollution: Groundwater arsenic contamination in a residential area and sufferings of people due to industrial effluent discharge - An eight-year study report. pp. 346-355.  
AJAY K. NAITHANI and C. PRASAD: Downslope soil movement in a periglacial region of Garhwal Himalaya: Rates, processes and climatic significance. pp. 365-372.

### Earth Science Reviews

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- G. SHANMUGAM: The Bouma Sequence and the turbidite mind set. pp. 201-229.  
EMIN OZSOY and UMIT UNLUATA: Oceanography of the Black Sea: a review of some recent results. pp. 231-272.

**Economic Geology****Vol.91, No.8, 1996**

- CHRISTOPHER J. YEATS and others: SHRIMP U-Pb Geochronological Constraints on Archean Volcanic-Hosted Massive Sulfide and Lode Gold Mineralization at Mount Gibson, Yilgarn Craton, Western Australia. pp. 1354-1371.
- C.D. ANGLIN and others: Sm-Nd Dating of Scheelite and Tourmaline: Implications for the Genesis of Archean Gold Deposits, Val d'Or, Canada. pp. 1372-1382.
- JENS GUTZMER and NICOLAS J. BEUKES: Karst-Hosted Fresh-Water Paleoproterozoic Manganese Deposits Postmasburg, South Africa. pp. 1435-1454.
- MARC POUJOL and others: 3.07-2.97Ga Greenstone belt formation in the Northeastern Kaapvaal Craton: Implications for the origin of the Witwatersrand Basin. pp. 1455-1461.

**Geology****Vol.25, No.11, 1997**

- CHRISTIAN KOEBERL and others: Diamonds from the Popigai impact structure, Russia. pp. 967-970.
- TH.F. NAGLER and others: Growth of subcontinental lithospheric mantle beneath Zimbabwe started at or before 3.8 Ga: Re-Os study on chromites. pp. 983-986.
- PETER I. NABELEK: Quartz-sillimanite leucosomes in high-grade schists, Black Hills, South Dakota: A perspective on the mobility of Al in high-grade metamorphic rocks. pp. 995-998.
- GORDON C. JACOBY and others: Tree-ring evidence for an A.D. 1700 Cascadia earthquake in Washington and northern Oregon. pp. 999-1002.
- R.M. HOUGH and others: Diamonds from the iridium-rich K-T boundary layer at Arroyo el Mimbral, Tamaulipas, Mexico. pp. 1019-1022.

**Geoscientist****Vol.8, No.2, 1998**

- CHRIS KING: Teaching Geoscience in Schools. pp. 4-7.

**Geological Society of America Bulletin****Vol.109, No.11, 1997**

- T.J. BRALOWER and others: Mid-Cretaceous strontium-isotope stratigraphy of deep-sea sections. pp. 1421-1442.
- OLIVER A. CHADWICK and others: Chronology of Pleistocene glacial advances in the central Rocky Mountains. pp. 1443-1452.

**Journal of Petrology****Vol.38, No.6, 1997**

- FRANK S. SPEAR and JEFFREY C. MARKUSSEN: Mineral Zoning, P-T-X-M Phase Relations, and Metamorphic Evolution of some Adirondack Granulites, New York. pp. 757-783.

**Vol.38, No.7, 1997**

- IAN S. BUICK and others: High-temperature Retrogression of Granulite-facies Marbles from the Reynolds Range Group, Central Australia: Phase Equilibria, Isotopic Resetting and Fluid Fluxes. pp. 877-910.

**Vol.38, No.8, 1997**

- YAOLING NIU: Mantle Melting and Melt Extraction Processes beneath Ocean Ridges: Evidence from Abyssal Peridotites. pp. 1047-1074.
- JAMES F. LUHR and JOSE J. ARANDA-GOMEZ: Mexican Peridotite Xenoliths and Tectonic Terranes: Correlations among Vent Location, Texture, Temperature, Pressure, and Oxygen Fugacity. pp. 1075-1112.

**Lithos****Vol.41, Nos.1-3, 1997**

WERNER SCHREYER and BERNHARD STOCKHERT: High-Pressure Metamorphism in nature and experiment. pp. 1-4.

**Mineralium Deposita****Vol.32, No.4, 1997**

P.G. ERIKSSON and B.F.F. RECZKO: Exploration initiatives in South Africa. pp. 309-311.

N.T. ARNDT and others: Ore deposits associated with mafic magmas in the Kaapvaal craton. pp. 323-334.

H.J. WILHELM and others: Geochemical exploration for platinum-group elements in the Bushveld Complex, South Africa. pp. 349-361.

G.DU PLESSIS and others: Potential low-grade iron ore deposits in metamorphosed banded iron formations, Northern Province, South Africa. pp. 362-370.

W.G. MACDONALD and others: Radiometric characteristics of heavy mineral deposits along the west coast of South Africa. pp. 371-381.

W. ALTERMANN: Sedimentological evaluation of Pb-Zn exploration potential of the Precambrian Griquatown Fault Zone in the Northern Cape Province, South Africa. pp. 382-391.

B.F.F. RECZKO and others: Three-dimensional computer-assisted basin modelling to generate exploration target areas: an example from the Late Archaean-Early Proterozoic Transvaal Supergroup, South Africa. pp. 392-400.

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P.J. MURPHY and S. ROBERTS: Evolution of a metamorphic fluid and its role in lode gold mineralisation in the Central Iberian Zone. pp. 459-474.

A.Y. BILLAY and others: The geology of the Lega Dembi gold deposit, southern Ethiopia: implications for Pan-African gold exploration. pp. 491-504.

**Vol.32, No.6, 1997**

W.H. MACLEAN and others: Argillite debris converted to bauxite during karst weathering: evidence from immobile element geochemistry at the Olmedo Deposit, Sardinia. pp. 607-616.

**Vol.33, Nos.1-2, 1998**

E. MARCOUX and J.M. LEISTEL: Iberian Pyrite Belt Thematic Issue.

**Precambrian Research****Vol.85, Nos.1-2, 1997**

UWE RING and others: Palaeoproterozoic granulite-facies metamorphism and granitoid intrusions in the Ubendian-Usagaran Orogen of northern Malawi, east-central Africa. pp. 27-51.

**Science****Vol.276, No.5318, 1997**

JOSE L. SANZ and others: A Nestling Bird from the Lower Cretaceous of Spain: Implications for Avian Skull and Neck Evolution. pp. 1543-1546.

**Vol.276, No.5319, 1997**

JACK A. WOLFE and others: Paleobotanical Evidence for High Altitude in Nevada During the Miocene. pp. 1672-1675.

**Vol.276, No.5320, 1997**

L.G. THOMPSON and others: Tropical Climate Instability: The Last Glacial Cycle from a Qinghai-Tibetan Ice Core. pp. 1821-1825.

JAY QUADE and others: The Late Neogene  $^{87}\text{Sr}/^{86}\text{Sr}$  Record of Lowland Himalayan Rivers. pp. 1828-1831.

J.C. STAGER and P.A. MAYEWSKI: Abrupt Early to Mid-Holocene Climatic Transition Registered at the Equator and the Poles. pp. 1834-1836.

**Vol.277, No.5324, 1997**

THOMAS G. SHARP and others: Natural Occurrence of  $MgSiO_3$ -Ilmenite and Evidence for  $MgSiO_3$ -Perovskite in a Shocked L Chondrite. pp. 352-355.

**Vol.277, No.5325, 1997**

PETER M. VITOUSEK and others: Human Domination of Earth's Ecosystems. pp. 494-499.

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**Vol.277, No.5326, 1997**

J. REVENAUGH and R. MEYER: Seismic Evidence of Partial Melt Within a Possibly Ubiquitous Low-Velocity Layer at the Base of the Mantle. pp. 670-673.

**Vol.278, No.5342, 1997**

THOMAS H. RICH and others: A Tribosphenic Mammal from the Mesozoic of Australia. pp. 1438-1442.

**Vol.278, No.5343, 1997**

DIETER STOFFLER: Minerals in the Deep Earth: A Message from the Asteroid Belt. pp. 1576-1577.

ANNA K. BEHRENSMEYER and others: Late Pliocene Faunal Turnover in the Turkana Basin, Kenya and Ethiopia. pp. 1589-1594.

MARK REHKAMPER and others: Platinum-Group Element Abundance Patterns in Different Mantle Environments. pp. 1595-1598.

#### **Tectonophysics**

**Vol.275, No.4, 1997**

B.O. DRESSLER and V.L. SHARPTON: Breccia formation at a complex impact crater: Slate Islands, Lake Superior, Ontario, Canada. pp. 285-311.

EMILE, A. OKAL: A reassessment of the deep Fiji earthquake of 26 May 1932. pp. 313-329.

### **Invitation for Research Papers on Coal**

An award of the value of Rs.10,000 has been instituted in the name of H.S. Pareek to be given to author(s) for the best research paper on coal appearing in the Journal of the Geological Society. Please note the Journal of the Geological Society offers you the best media for bringing to the notice of the Earth Science community the results of your research. Send your research papers and review papers to the Journal for review by experts and quick publication.