

Interesting Papers in other Journals

Applied Geochemistry

vol.9, No.5, September 1994

S.D. VORONKERICH. Engineering geochemistry : problems and applications. pp.553-559.

Applied Geophysics

vol.32, No.2/3, August 1994

C. WRIGHT and Others. Seismic reflection techniques for base metal exploration in eastern Canada: examples from Buchans, Newfoundland. pp.105-116.

R.K. FROLICH and Others. Use of geoelectrical methods in groundwater pollution surveys in a coastal environment. pp.139-154.

Bull. Geological Society of America

vol.106, No.7, July 1994

K.M. CRUIKSHANK and ATILLA AYDIN. Role of fracture localization in arch formation, Arches National Park, Utah. pp.879-891.

R.J. CUMBEST and Others. Argon composition of metamorphic fluids; Implications for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. pp.942-951.

Canadian Journal of Earth Sciences

vol.31, No.4, April 1994

R.A. GIBB and Others. Potential Field Studies of Continental Rifts: The Great Lakes Region. pp.617-732.

Computers and Geosciences

vol.26, No.6, July 1994

X.Q. MA and D.R. WATTS. Terrain correction program for regional gravity surveys. pp.961-972.

Current Science

vol.67, No.5, 10 September 1994

D.E.P. JAYASINGH and D. KUMARASWAMY. Occurrence of *Pityospermum* Nathorest in the Sriperumbudur Formation, Tamil Nadu, p. 305.

RAMESH CHANDER. Earthquakes and elevation changes in the Himalaya. pp.306-310.

Vinod K. Gaur. Estimating strong ground motion parameters for earthquake - resistant design. pp.311-312.

K.S. VALDIYA. Strong - motion earthquakes in Himalaya: Geological perspective. pp.313-323.

VINOD K. GAUR. Evaluation of seismic hazard in India towards minimising earthquake risk. pp.324-329.

SARVAJIT SINGH. Analytical approaches to describe the near source effects. pp.330-335.

N.C. NIGAM. Uncertainties with strong motion earthquake parameters. pp.335-343.

K.N. KHATTRI and Others. Seismic hazard estimation using modelling of earthquake strong ground motions: A brief analysis of 1991 Uttarkashi earthquake, Himalaya and prognostication for a great earthquake in the region. pp.343-353.

- A.R. CHANDRASEKARAN. Evaluation of design earthquake parameters for a site and utilization of strong motion data. pp.353-358.
- R.D. SHARMA. Specifying aseismic design inputs for critical structures. pp.358-368.
- R.N. IYENGAR and Others. Field investigation of 30 September, 1993 earthquake in Maharashtra. pp.368-379.
- R. SINGH and A. GOYAL. Damage to buildings in Latur Earthquake. pp.380-385.
- PRADIPTA BANERJI. Earthquake ground motion characterization for large or multiply supported structures. pp.386-394.
- M. ASLAM. Equation of estimation of sedimentation rates: Applications to sequence stratigraphy. pp.396-399.

vol.67, No.6, 25 September 1994

- SHANTI PAPPU and Others. Discovery of a middle Holocene sub-fossil bone from Tiruvallur Taluk, Chingleput District, Tamil Nadu. pp.431-433.
- ASHOK SAHNI and ASHU KHOSLA. A Maastrichtian ostracods assemblage (Lameta Formation) from Jabalpur Contonment, Madhya Pradesh, India. pp.456-460.
- V.G. PHANSALKAR and Others. Giant marine reptilion skulls from the Jurassic of Kachchh, Gujarat. pp.460-461.
- O.S. CHAUHAN and Others. A typical ferromanganese micronodules from middle fan valley system, Bay of Bengal. pp.462-465.

Earth Science Reviews

vol.36, Nos.3/4, August 1994

- J.B. FIRMAN. Paleosols in laterite and silcrete profiles - evidence from the southeast margin of the Australian Precambrian Shield. pp.149-179.

Economic Geology

vol.89, No.3, May 1994

- I.R. PLUMIER. Strata - bound scheelcite in Meta-evaporites, Broken Hill, Australia. pp.423-437.
- C.W. STOVE. Composition and Tectonic settings of chromite deposits through Time. pp.528-546.

Exploration Geophysics

vol.24, Nos.3/4, Sept./Dec. 1993

- B.T. BOURNE and Others. Physical property variations with Archaean Granite - Greenstone Terrane of the Yilgarn Craton, Western Australia: The Influence of Metamorphic Grade. pp.367-374.
- B.J. DRUMMOND and B.R. GOLEBY. Seismic reflection Images of the major Ore-Controlling structures in the Eastern Coalfields Province, Western Australia. pp.473-478.
- Z.X. LI and Others. Timing and Genesis of Hamerslay Iron-ore Deposits, pp.631-636.
- SHANTI RAJAGOPALAN and Others. Geophysical investigations of the Volcanic Terrains: A case history from the Gawler Range Volcanic Province, South Australia, pp.769-778.

Geology

vol.22, No.7, July 1994

- A.K. BAKSI and Others. Intracanyon flows in the Deccan Province, India? Case history of the Rajhmundry Traps. pp.605-608.

P.A. Gow and Others. Proterozoic iron oxide (Cu-U-Au-REE) deposits: Further evidence of hydrothermal origins. pp.633-636.

Geology Today

vol.10, No.3, May/June 1994

K.J. Wenrich and Hoyt B. Sutphin. Grand Canyon caves, breccia pipes and mineral deposits, pp.97-104.

DAVID M. MARTILL. Fake fossils from Brazil, pp.111-115.

Geostandard Newsletter

vol.18, July 1994

K. GOVINDARAJU. Special Issue: 1994 Compilation of working values and sample description for 383 Geostandards. 158p.

Jour. of African Earth Sciences

vol.18, No.2, February 1994

W.D. BULLEN and Others. Gold mineralisation in Natal, South Africa, pp.99-109.

Jour. Geochemical Exploration

vol.51, No.1, April 1994

A. MOOKHERJEE and M.K. PANIGRAHI. Reserve base in relation to crustal abundance of metals: another look, pp.1-9.

R.R. RAMSAY and Others. Composition of garnet and spinel from the Aries diamondiferous Kimberlite pipe, central Kimberley Block, Western Australia - implications for exploration, pp.59-78.

QUIMING CHENG and Others. Exploration history and geology of disseminated gold deposit at Maohing in Proterozoic sedimentary rocks in North China Platform, pp.93-108.

vol.51, No.2, July 1994

N. GUSTARSSON and Others. Geochemical maps of Finland and Sweden, pp.143-160.

S.J. COOK and W.K. FLETCHER. Platinum distribution in soil profiles of the Talameen ultramafic complex, southern British Columbia, pp.161-191.

Jour. of Geophysical Research

Vol. 99, No.C5, May 15, 1994.

A.R. KARBASSI and R. SHANKAR: Magnetic susceptibility of bottom sediments and suspended particulates from Mulki-Pavanje River estuary, and adjoining shelf, west coast of India. pp. 207-220.

Jour. of Geology

vol.102, No.4, July 1994

S.M. WICKHAM and Others. Regional carbonate alteration of the crust by Mantle-derived Magmatic Fluids, Tamil Nadu, South India, pp.379-398.

M.R. RAMPINO. Tillites, Diamictites and Ballistic Ejecta of Large Impacts, pp.439-456.

P.D. KENNY and H.O.A. MEYER. Zircon from the Mantle: A new way to date old diamonds, pp.475-481.

J.P. LE ROUX. Impacts, tillites and the breakup of Gondwanaland: A second discussion, pp.483-485.

Jour. of Metamorphic Geology

vol.12, No.1, January 1994

- M.L. WILLIAMS. Sigmoidal inclusion trails, punctuated fabric development, and interactions between metamorphism and deformation, pp.1-21.
- S.L. HARLEY and C.M. GRAHAM. Stable Isotopes as traces of metamorphic processes: Introduction, pp.209-210.
- J.A. MASSEY and Others. Contrasting retrograde oxygen isotope exchange behaviour and implications: examples from the Langtang valley, Nepal. pp.261-272.
- I.S. BUICK and Others. Stable isotope signatures of superposed fluid events in granulite facies marbles of the Rauer Group, East Antarctica. pp.285-299.
- A.M. VAN DEN KERKHOFF and Others. Juvenile CO₂ in enderbites of Tromøy near Arendal, southern Norway: a fluid inclusion and stable isotope study, pp.301-310.

vol.12, No.4, July 1994

- D.R.M. PATTISON and N.J. BEGIN. Zoning patterns in orthopyroxene and garnet in granulites: implications for geothermometry, pp.387-410.
- G.R. RAVINDRA KUMAR and T. CHACKO. Geothermobarometry of mafic granulites and metapelite from the Palghat Gap, South India: Petrological evidence for isothermal uplift and rapid cooling, pp.479-492.

Vol.12, No.5, September 1994

- M. RAHN and others: Very low-grade metamorphism of the Tareyanne greywacke, Glarus Alps, Switzerland. pp. 625-641.
- A. KALT and others: Rb-Sr and U-Pb isotope studies on migmatites from the Schwarzwald (Germany): constraints on isotopic resetting during Variscan high-temperature metamorphism. pp. 667-680.

Jour. of Petrology

vol.35, No.3, June 1994

- K.M. TANTAN and DAN MCKENZIE. The generation of Kimberlites, lamproites and their source rocks. pp.787-817.

Mineralium Deposita

vol.29, No.4, 1994

- P.W. UTTERGLUK APPEL. Stratabound scheelite in altered Archaean Komatiites, West Greenland, pp.341-352.

Mineralogy and Petrology

vol.51, No.1994

- N.M.S. ROCK and L.G. GWALANI. Alkaline rocks and carbonatites of Amba Dongar and adjacent areas, Deccan Alkaline Province, Gujarat, India. 2. Complexly zoned clinopyroxene phenocrysts. pp.113-135.

Nature

vol.371, No.6493, 8 September 1994

- K.S. JAYARAMAN. Indian Universities "in crisis" over government funding cuts. 96p.
- STEVEN K. RICE and LARRY GILES. Climate in the Pleistocene. pp.111-112.

S. GAO and Others. Seismic anisotropy and mantle flow beneath the Baikal rift zone. pp.149-151.

vol.371, No.6494, 15 September 1994

B.W.D. YARDLEY and J.W. VALLEY. How wet is the Earth's crust? pp.205-206.

A. ZERR and R. BOEHLER: Constraints on the melting temperature of the lower mantle from high-pressure experiments on MgO and magnesiowustite pp. 506-508.

Vol. 371, No. 6495, 22 September 1994

HARI NARAIN: Problems of Indian science p. 278.

BERNARD WOOD: The oldest homonid yet p.280.

A.J. BROCCOLI: Learning from past climates p.282.

JOHN E. VIDAILE: A mystery in the mantle p.288.

RAINER ZAHN: Core correlations p.289.

H. KAWAKATSU and F. NIU: Seismic evidence for a 920-km discontinuity in the mantle. pp. 301-305.

T.D. WHITE and others: *Australopithecus ramidus*, a new species of early hominid from Aramis, Ethiopia. pp. 306-312.

L.D. KEIGURN and others: The role of the deep ocean in North Atlantic climate change between 70 and 130 kyr ago. pp. 323-325

J.F. Mc MANUS and others: High-resolution climate records from the North Atlantic during the last interglacial. pp. 326-329.

G. WOLDEGABRIEL and others: Ecological and temporal placement of early Pliocene hominids at Aramis, Ethiopia. pp. 330-333

vol.371, No.6496, 29 September 1994

K.S. JAYARAMAN. Gupta censured - but keeps his job, 308p.

A.T. LINDE and Others. Increased pressure from rising bubbles as a mechanism for remotely triggered seismicity. pp.408-413.

Vol. 371, No. 6498, 13 October 1994.

DAVID SWINBANKS: Japanese earthquake tests disaster warning networks p.549.

Ore Geology Reviews

vol.9, No.2, April 1994

SPECIAL ISSUE: Kibaran (Mid-Proterozoic) metallogeny in Central and Southern Africa. (Ed.) W. Phol, pp.85-182.

vol.9, No.3, August 1994

E.J.M. BLOOM and Others. Metamorphic and structural setting of Archaean amphibolite - hosted gold deposits near Southern Cross Province, Yilgarn Block, Western Australia, pp.183-208.

Precambrian Research

vol.68, Nos.3/4, August 1994

A.A. NEMCHIN and Others. Timing of Late Archaean granulite facies metamorphism in the southwestern Yilgarn Craton of Western Australia: evidence from U-Pb ages of zircons from mafic granulites, pp.307-321.

**Proc. Indian Academy of Sciences
(Earth and Planetary Sciences)**

vol.103, No.2, June 1994

SPECIAL ISSUE: Biogeochemistry of the Arabian Sea, D. Lal (Guest Editor), pp.99-351.

Science

vol.265, No.5174, 12 August 1994

B. HALLET and PUTKONEN. Surface dating of Dynamic landforms: Young Boulders and Aging Moraines, pp.937-940.

vol.265, No.5175, 19 August 1994

D. MERRITTS and T. HESTERBERG. Stream Networks and Long-term surface uplift in the New Madrid Seismic zone, pp.1081-1084.

vol.265, No.5176, 26 August, 1994

THOMAS L. HOLZER. Predicting Earthquake Effects - Learning from Northridge and Loma Prieta. pp.1182-1183.

Tectonophysics

vol.234, No.4, 15 July, 1994

O.P. SAHU and M.M. SAIKIA. The b value before the 6th August, 1988 India-Myanmar Border Regional Earthquake - a case study. pp.349-354.

vol.235, Nos.1/2, 30 July, 1994

SPECIAL ISSUE: Geology and Geophysics of the South China Sea and Environs. (Eds.) M.F.J. Flower and others. 221p.

**Transactions of the Institution of Mining and Metallurgy
(Applied Earth Science)**

vol.103, B87-B162, May./Aug. 1994

R.A. LORD and Others. Magmatic platinum-group element concentrations and hydrothermal upgrading in Shetland ophiolite complex, pp.B87-B106.

vol.103, B1-B86, January - April 1994

L.J. CABRI. Current status of determination of mineralogical balances for platinum group element bearing ores. pp.B3-B9.

A.J. NAIDRET and Others. Platinum group elements in Fox River Silt, Manitoba, Canada: implications with respect to influxes of fresh magma and exploration for PGE deposits. pp.B10-B21.

D.M. EVANS and Others. Dispersion of platinum, palladium and gold from the Main Sulphide zone, Great Dyke, Zimbabwe. pp.B57-B67.

D.M.A. FLIGHT and Others. Regional geochemical mapping of Pt, Pd and Au over an obducted ophiolite complex, Shetland islands, northern Scotland. B68-B78.