Interesting Papers in Other Journals

AAPG Bulletin Vol.82, No.1, 1998

ROGER BUICK and others: Archaean Oil: Evidence for Extensive Hydrocarbon Generation and Migration 2.5-3.5 Ga. pp.50-69

Vol.82, No.3, 1998

J.K.Warren and others: Proterozoic Source Rocks: Sedimentology and Organic Characteristics of the Velkerri Formation, Northern Territory, Australia. pp.442-463

AGSO Research Newsletter No.28, 1998

Lesley Wyborn and others: A newly discovered major Proterozoic granite-alteration system in the Mount Webb region, central Australia, and implications for Cu-Au mineralisation. pp.1-6.

MART IDNURM and LESLEY WYBORN: A Mesoproterozoic palaeomagnetic age for the gold-bearing Quamby Conglomerate, Queensland. pp.6-7.

ALEXEY GONCHAROV and others: Average composition of the crust in the Australian, Fennoscandian, and Ukrainian shields from refraction seismic studies and petrophysical modelling. pp.20-23.

ELIZABETH JAGODZINSKI: Shrimp U-Pb dating of ignimbrites in the Pul Pul Rhyolite, Northern Territory.pp.23-25. Shen-su-Sun and Arthur H. Hickman: New Nd-isotopic and geochemical data from the west Pilbara-Implications for Archaean crustal accretion and shear zone movement. pp.25-29.

DEB SCOTT and others: Basement studies in basin analysis: new insights into the evolution of the Lawn Hill Platform. pp.29-32.

Australian Journal of Earth Sciences Vol.45, No.1, 1998

A.W.Mann: Oxidised gold deposits: relationships between oxidation and relative position of the water-table. pp.97-108.

Current Science Vol.74, No.10, 1998

M.N.Qureshy: Major tectonic elements of Western Ganga Basin. pp.820-822.

A.V. SANKARAN: Incorporation and diffusion of lead in zircons. pp.823-825.

R.S. Bindu and others: The first report of CHIME monazite age from the South Indian granulite terrain. pp.852-858.

RACHANA RAJ and others: Late Quaternary sea level changes in western India: Evidence from lower Mahi Valley. pp.910-914.

Economic Geology Vol.91, No.5, August 1996

DAVID A.S. PALMER and ANTHONY E. WILLIAMS-JONES: Genesis of the Carbonatite-Hosted Fluorite Deposit at Amba Dongar, India: Evidence from Fluid Inclusions, Stable Isotopes, and Whole Rock-Mineral Geochemistry. pp. 934-950.

Vol.91, No.8, December 1996

Christopher J. Years and others: SHRIMP U-Pb Geochronological Constraints on Archaean Volcanic-Hosted Massive Sulfide and Lode Gold Mineralization at Mount Gibson, Yilgarn Craton, Western Australia. pp. 1354-1371.

Vol.92, No.1, Jan.-Feb. 1997

- C.H.Gammons and A.E.Williams-Jones: Chemical Mobility of Gold in the Porphyry-Epithermal Environment, pp.45-59.
- HARILAOS TSIKOS and JOHN M.MOORE: Petrography and Geochemistry of the Paleoproterozoic Hotazel Iron-Formation, Kalahari Manganese Field, South Africa: Implications for Precambrian Manganese Metallogenesis. pp.87-97.
- Hugh Rollinson: The Archean Komatiite-Related Invala Chromitite, Southern Zimbabwe. pp.98-107.

Vol.92, No.2, March-April 1997

- STEPHEN M.Rowins and others: A Reinterpretation of the Role of Granitoids in the Genesis of Neoproterozoic Gold Mineralization in the Telfer Dome, Western Australia. pp.133-160.
- Daniel J.Kontak and Robert Kerrich: An Isotopic (C, O, Sr) Study of Vein Gold Deposits in the Meguma Terrane, Nova Scotia: Implication for Source Reservoirs. pp.161-180.
- Andreas G. Mueller: The Nevoria Gold Skarn Deposit in Archean Iron-Formation, Southern Cross Greenstone Belt, Western Australia: I. Tectonic Setting, Petrography and Classification. pp.181-209.
- MEI-FU-ZHOU and PAUL T. ROBINSON: Origin and Tectonic Environment of Podiform Chromite Deposits. pp.259-262.

Vol.92, No.3, May 1997

ROBERT P. ILCHIK and MARK D. BARTON: An Amagmatic origin of Carlin-Type Gold Deposits. pp.269-288. IAIN M. SAMSON and others: Hydrothermal Evolution of Auriferous Shear Zones, Wawa, Ontario.pp.325-342.

Ground Water

Vol.36, No.2, March-April 1998

DAVID BANKS: Predicting the Probability Distribution of Yield from Multiple Boreholes in Crystalline Bedrock, pp.269-274.

JORDI GUIMERA: Anomalously High Nitrate Concentrations in Ground Water. pp.275-282.

Journal of Geochemical Exploration Vol.60, No.3, 1998

- P.M.Outridge and others: Determination of trace elemental signatures in placer gold by laser ablation-inductively coupled plasma-mass spectrometry as a potential aid for gold exploration. pp.229-240.
- J.C.CARLILE and others: Discovery and exploration of the Gosowong epithermal gold deposits, Halmahera, Indonesia. pp.207-227.

Journal of Geology Vol.100, No.4, 1997

- R.S. White: Mantle plume origin for the Karoo and Ventersdorp flood basalts, South Africa. pp.271-282.
- B.C. Storey and P.R. Kyle: An active mantle mechanism for Gondwana breakup. pp.283-290.
- A.M. Leitch and others: Flood basalts from eclogite-bearing mantle plumes. pp.311-318.
- R.E. Ernst and K.L.Buchan: Layered mafic intrusions: a model for their feeder systems and relationship with giant dyke swarms and mantle plume centres. pp.319-334.
- R. UKEN and M.K. WATKEYS: An interpretation of mafic dyke swarms and their relationship with major mafic magmatic events on the Kaapvaal Craton and Limpopo Belt. pp.341-348.
- G. Stevens and others: Metamorphism, fluid-flow, and gold mobilization in the Witwatersrand Basin: towards a unifying model. pp.363-375.
- R. KLEMD and W.Hirdes: Origin of an unusual Fluid compositions in Early Proterozoic palaeoplacer and lode gold deposits in Birimian greenstone terranes of west Africa. pp.405-414.

Journal of the Geological Society, London Vol.155, pt.2, 1998

- H.M. Prichard and G.Maliotis: Gold mineralization associated with low-temperature, off-axis, fluid activity in the Troodos ophiolite, Cyprus. pp.223-231.
- D. McB. MARTIN and others: Tectonic and geochronological constraints on late Archaean and Palaeoproterozoic stratigraphic correlation within and between the Kaapvaal and Pilbara Cratons. pp.311-322.
- D.I. Benn and L.A.Owen: The role of the Indian Summer monsoon and the mid-latitude westerlies in Himalayan glaciation: review and speculative discussion. pp.353-363.
- D. Mcl. Roy and others: The Proterozoic-Cambrian transition within the 'Charnian Supergroup' of central England and the antiquity of the Ediacara fauna. pp.401-411.

Journal of Petrology Vol.38, No.12, 1997

R. Seltmann and Lehmann: High-level silicic magmatism and related hydrothermal systems. p.1617.

- P.A.CANDELA: A review of shallow, ore-related granites: Textures, volatiles, and ore metals. p.1619.
- D.B. DINGWELL: The brittle-ductile transition in high-level granitic magmas: Material constraints. p.1635.
- I. HAAPALA: Magmatic and postmagmatic processes in tin-mineralized granites: Topaz-bearing leucogranite in the Eurajoki rapakivi granite stock, Finland. p.1645.
- J.D. Keith and others: The role of magmatic sulfides, mafic alkaline magmas in the Bingham and Tintic mining districts, Utah. p.1679.
- D. London: Estimating abundances of volatile and other mobile components in evolved silicic melts through mineral-melt equilibria. p.16.
- J.B. Lowenstern: Comagmatic A-type granophyre and rhyolite from the Alid volcanic center, Eritrea, northeast Africa. p.1707.
- K. Breiter and J. Fryda: Mineralogical evidence for two magmatic stages in the evolution of an extremely fractionated P-rich rare-metal granite; The podlesi stock, Krusne Hory, p.1723.
- H. SHINOHARA and J.W.HEDENQUIST: Constraints on magma degassing beneath the far southeast porphyry Cu-Au deposit, Philippines. p.1741.
- R. Thomas and W.Klemm: Microthermometric study of silicate melt inclusions in Variscan granites from SE Germany: Volatile contents and entrapment conditions. p.1753.
- J.L. VIGNERESSE and J.L BOUCHEZ: Successive granitic magma batches during pluton emplacement: the case of Cabeza de Araya (Spain). p.1767.
- J.D. Webster: Chloride solubility in felsic melts and the role of chloride in magmatic degassing. p.1793.

Journal of Structural Geology Vol.19, No.11, 1997

- D. Bahat: Mechanisms of dilatant en echelon crack formation in bedded chalk. p.1375.
- J.P.Evans and others: Permeability of fault-related rocks, and implications for hydraulic structures of fault zones. p.1393.
- D.C. TANNER and J.H.Behmann: Study of strain and partial-melt transfering in a banded migamatite. p.1405.

Nature

Vol.393, No.6681, 14 May 1998

A.G.Hunt and P.E.Malin: Possible triggering of Heinrich events by ice-load-induced earthquakes. pp.155-158.

Vol.393, No.6682, 21 May 1998

- K.S.JAYARAMAN: India's nuclear tests meet with domestic praise and protests.pp.197-198.
- JORGE L. SARMIENTO and others: Simulated response of the ocean carbon cycle to anthropogenic climate warming, pp.245-249.
- S.E. Kesson and others: Mineralogy and dynamics of a pyrolite lower mantle. pp.252-255.
- RYOSUKE MOTANI and others: Ichthyosaurian relationships illuminated by new primitive skeletons from Japan. pp.255-257.

Vol.393, No.6684, 4 June 1998

ERNESTO ABBATE and others: A one-million-year-old Homo cranium from the Danakil (Afar) Depression of Eritrea. pp.458-460.

Natural Resources and Development Vol.47, 1998

JENS NIXDORF and LOTHAR R. OELLRICH: Natural Gashydrates- From Bane to Boon? pp.83-98.

Precambrian Research Vol.88, Nos.1-4, 1998

M.E.BARLEY: The tectonic and metallogenic evolution of the Pilbara Craton: preface, pp.1-2.

Printed by M. Nagaraju and published by B.P. Radhakrishna on behalf of Geological Society of India and printed by Pragati Graphics, 22/1, 3rd Main Road, Vinayaknagar, Bangalore - 560 050 and published at Bangalore - B.P. Radhakrishna