

Volume 162, Part 1, January 2005

Specials

- DAVIES, R. J. & STEWART, S. A. Emplacement of giant mud volcanoes in the South Caspian Basin: 3D seismic reflection imaging of their root zones 1
- WENDORFF, M. Evolution the Neoproterozoic–Lower Palaeozoic Lufilian arc, Central Africa: a new model based on syntectonic conglomerates 5
- CASQUET, C., PANKHURST, R. J., RAPELA, C. W., GALINDO, C., DAHLQUIST, J., BALDO, E., SAAVEDRA, J., GONZÁLEZ CASADO, J. M. & FANNING, C. M. Grenvillian massif-type anorthosites in the Sierras Pampeanas 9

Papers

- WATTS, A. B., MCKERROW, W. S. & RICHARDS, K. Localized Quaternary uplift of south–central England 13
- JANSSON, K. N. & GLASSER, N. F. Palaeoglaciology of the Welsh sector of the British–Irish Ice Sheet 25
- TINGAY, M. R. P., HILLIS, R. R., MORLEY, C. K., SWARBRICK, R. E. & DRAKE, S. J. Present-day stress orientation in Brunei: a snapshot of ‘prograding tectonics’ in a Tertiary delta 39
- RHODES, B. P., CONEJO, R., BENCHAWAN, T., TITUS, S. & LAWSON, R. Palaeocurrents and provenance of the Mae Rim Formation, Northern Thailand: implications for tectonic evolution of the Chiang Mai basin 51
- SAMSON, S. D., D’LEMONS, R. S., MILLER, B. V. & HAMILTON, M. A. Neoproterozoic palaeogeography of the Cadomia and Avalon terranes: constraints from detrital zircon U–Pb ages 65
- WORAM, G. & MICHON, L. Implications of continuous structural inversion in the West Netherlands Basin for understanding controls on Palaeogene deformation of NW Europe 73
- HEGNER, E., GRULER, M., HANN, H. P., CHEN, F., GÜLDENPFENNIG, M. Testing tectonic models with geochemical provenance parameters in greywacke 87
- WILLIAMS, G. A., TURNER, J. P. & HOLFORD, S. P. Inversion and exhumation of the St. George’s Channel basin, offshore Wales, UK 97
- WILLIAMS, G. E. Subglacial meltwater channels and glaciofluvial deposits in the Kimberley Basin, Western Australia: 1.8 Ga glaciation coeval with continental assembly 111
- TOMURTOGOO, O., WINDLEY, B. F., KRÖNER, A., BADARCH, G. & LIU, D. Y. Zircon age and occurrence of the Adaatsag ophiolite and Muron shear zone, central Mongolia: constraints on the evolution of the Mongo–Okhotsk ocean, suture and orogen 125
- CORFIELD, R. I., WATTS, A. B. & SEARLE, M. P. Subsidence history of the north Indian continental margin, Zaskar–Ladakh Himalaya, NW India 135
- FRIEND, C. R. L. & NUTMAN, A. P. New pieces to the Archaean terrane jigsaw puzzle in the Nuuk region, southern West Greenland: steps in transforming a simple insight into a complex regional tectonothermal model 147
- DALY, J. S. & FLOWERDEW, M. J. Grampian and late Grenville events recorded by mineral geochronology near a basement–cover contact in north Mayo, Ireland 163
- KINNY, P. D., FRIEND, C. R. L. & LOVE, G. J. Proposal for a terrane-based nomenclature for the Lewisian Gneiss Complex of NW Scotland 175
- CLEGG, P. & HOLDSWORTH, R. E. Complex deformation as a result of strain partitioning in transpression zones: an example from Leinster Terrane, SE Ireland 187
- JIANG, N. Petrology and geochemistry of the Shuiquangou syenitic complex, northern margin of the North China Craton 203

Discussions

- THOMSON, K. and OWEN, P. Discussion on the North Sea Silverpit Crater: impact structure or pull-apart basin; reply by SMITH, K. 217
- TANNER, P. W. G. Discussion on evidence for a major Neoproterozoic unconformity within the Dalradian Supergroup of NW Ireland; reply by ALSOP, G. I. & HUTTON, D. H. W. 221