Volume 166, Part 2, March 2009

Specials


KING, R.C., HILLIS, R.R., TINGAY, M.R.P. & MORLEY, C.K. Present-day stress and neotectonic provinces of the Baram Delta and deep-water fold-thrust belt 197


Research Articles

DAIVISON, I. Faulting and fluid flow through salt 205

BACHMANN, R., GLOINNY, J., ONSKEN, O. & SEIFERT, W. Abandonment of the South Penninic–Austroalpine palaeosubduction zone, Central Alps, and shift from subduction erosion to accretion: constraints from Rb/Sr geochronology 217

ANDERSEN, T., ANDERSON, U.B., GRAHAM, S., ÅBERG, G. & SIMONSEN, S.L. Granitic magmatism by melting of juvenile continental crust: new constraints on the source of Palaeoproterozoic granitoids in Fennoscandia from Hf isotopes in zircon 233


KELLETT, D.A. & GODIN, L. Pre-Miocene deformation of the Himalayan superstructure, Hidden Valley, central Nepal 261

LE HINON, D.P. & DOWDENWELL, J.A. Calculating ice volumes and ice flux to constrain the dimensions of a 440 Ma North African ice sheet 277

MELLUSU, L., SIETTI, H.C., MASONRY, J.J., MORRA, V., PETRONE, C.M. & STOREY, M. Correlations between silicic volcanic rocks of the St Mary’s Islands (southeastern India) and eastern Madagascar: implications for Late Cretaceous India–Madagascar reconstructions 283

GROClOTT, J., ARÉVALO, C., WELKNER, D. & CRUDEÉN, A. Fault-assisted vertical pluton growth: Coastal Cordillera, north Chilean Andes 295


CUNNINGHAM, D., DAVIES, S. & M’CLEAN, D. Examination of a Cretaceous rift complex within a Late Cenozoic restraining bend, southern Mongolia: implications for the crustal evolution of the Gobi Altai region 321

WHITEHOUSE, M.J., MYERS, J.S. & PEDO, C.M. The Akilia Controversy: field, structural and geochronological evidence questions interpretations of >3.8 Ga life in SW Greenland 335

LAUBACH, S.E. & DIAZ-TUSHMAN, K. Laurentian palaeostress trajectories and ephemeral fracture permeability, Cambrian Einboll Group Sandstones west of the Moine Thrust Zone, northwest Scotland 349

BRAID, M.D. & ASHCLIFFE, J.B. Evolutionary relationships within the Avalonian Ediacara biota: new insights from laser analysis 363