

## Abstracts

- Johnson, B. D., 1970. Time term analysis of the Tasmanian BUMP data. In: Symposium on Crustal Studies in the Australian Region, *Aust. Physicist* **7**, 19 (abstract).
- Moss, F.J. and Dooley, J.C., 1973. Deep crustal and upper mantle reflection studies in Australia (abstr.), *Geophysics* **38**, 1215.
- Smith, E.R., Branson, J.C. and Taylor, F.J., 1970. Deep crustal reflection investigations. In: Symposium on Crustal Studies in the Australian Region (abstr.), *Austr. Physicist* **7**, 19-20.
- Drummond, B. J., Glen, R. A., Goleby, B. R., Wake-Dyster, K. D. & Palmer, D., 1992. Deep seismic of the Cobar Basin-II: a ramp basin controlled by a mid-crustal detachment. Geological Society of Australia, Abstracts 32, 44.
- Glen, R.A., Drummond, B.J., Goleby, B.R., Palmer, D. & Wake-Dyster, K.D., 1992. Deep seismic of the Cobar Basin-I: structure and implications for mineral prospectivity. Geological Society of Australia, Abstracts 32, 43.
- Goncharov, A., Collins, C.D.N., Goleby, B.R., Drummond, B.J. and MacCready, T. 1996. Crustal structure of the Mount Isa Inlier (Australia) from refraction/wide-angle seismic experiments. EOS **77** (Western Pacific Geophysics Meeting Supplement), 149.
- Almond, A.L., Drummond, B.J., Goleby, B.R. & Barr, T.D., 1997. The style of faulting in the Canning Basin, WA: evidence from reflection seismic profiles. Geological Society of Australia, Specialist Group in Solid Earth Geophysics Newsletter, Geophysics Down Under, Abstracts of Marysville Conference, December 1997, 3-4.
- Drummond, B. J. & Goleby, B. R., 1997. Seismically reflective shear zones. Geological Society of Australia, Specialist Group in Solid Earth Geophysics Newsletter, Geophysics Down Under, Abstracts of Marysville Conference, December 1997, 13-14.
- Kritsky, A. Y., Muller, R. D., Collins, C.D.N., Stagg, H., Christeson, G. I., 1997. Velocity structure of the Argo Abyssal Plain, North West Shelf of Australia. Geological Society of Australia, Specialist Group in Solid Earth Geophysics Newsletter, Geophysics Down Under, Abstracts of Marysville Conference, December 1997, 49.
- Gray, D. R., Foster, D.A., Barton, T.J., Owen, A. & Drummond, B., 1997. Results and implications of deep crustal seismic imaging in the western Lachlan Fold Belt, eastern Australia. Geological Society of Australia, Specialist Group in Solid Earth Geophysics Newsletter, Geophysics Down Under, Abstracts of Marysville Conference, December 1997, 27-28.
- Rawlinson, N., Semenova, T. O., Houseman, G. A. and Collins, C.D.N., 1997. Preliminary results from the 1995 seismic refraction survey of Tasmania. Geological Society of Australia, Specialist Group in Solid Earth Geophysics Newsletter, Geophysics Down Under, Abstracts of Marysville Conference, December 1997, 62-63.
- Drummond, B. J., Fomin, T. and Leven, J. H., 1998. Constraints of structure and composition of the Broken Hill region from seismic reflection and refraction studies. In: G.M. Gibson (compiler), Broken Hill Exploration Initiative: Abstracts of papers presented at fourth annual meeting in Broken Hill, October 19-21, 1998. *AGSO Record*, 1998/25, 21-26.
- Kritsky, A. Y., Muller, R. D., Collins, C.D.N., Stagg, H., Christeson, G. I., 1998. Velocity structure of the Argo Abyssal Plain, North West Shelf of Australia. Abstracts of the 8th International Symposium on Deep Seismic Profiling of the Continents and their Margins, Barcelona, Spain, 65.
- Sayers, J. and Collins, C., 1998. The crustal structure of a passive margin: a transect across the Australian North West Shelf. Abstracts of the 14th Australian Geological Convention Townsville Australia, Geological Society of Australia.
- Sayers, J. & Collins C.D.N., 1998b. The Crustal Structure of a Passive Margin: A Transect Across the Australian North West Shelf. 8th International Symposium on Deep Seismic Profiling of the Continents and their Margins: program and abstracts : 20-25 September, 1998, Barcelona, Spain., p30.

- Sayers, J., Collins, C. and Lee, C., 1998. Imaging Australia's North West Shelf passive margin using ocean bottom seismometers and deep reflection seismic. Abstracts of the Western Pacific American Geophysical Union Meeting, Taiwan.
- Barton T. J. 1999. Crustal structure of northern Tasmania based upon a deep seismic transect. In: Last Conference of the Millennium. Specialist Group in Tectonics and Structural Geology Field Conference, Halls Gap, Vic., February 14-19, 1999. Geological Society of Australia Abstracts.; 53:3-4
- Korsch, R.J., Barton, T.J., Gray, D. R., Owen, A. J. & Foster, D., 1999. Structural interpretation of a deep seismic reflection transect in the vicinity of the Grampians, Victoria. In: Last Conference of the Millennium. Specialist Group in Tectonics and Structural Geology Field Conference, Halls Gap, Vic., February 14-19, 1999. Geological Society of Australia. Abstracts.; 53:139-141.
- Leven, J.H., Finlayson, D.M., Owen, A. J., Johnstone, D.W., Drummond, B.J., 1999. Wide-angle seismic profiling: a seismic model of the crust through the Broken Hill Block. International Union of Geodesy and Geophysics (IUGG) Congress, Birmingham 1999, Abstracts B146 JSS44/L/08-B4.
- Owen, A. J., Bateman, R., Goleby, B.R., Drummond, B.J., 1999. Regional seismic reflection profiling, Kalgoorlie goldfield, Western Australia. In: Last Conference of the Millennium. Specialist Group in Tectonics and Structural Geology Field Conference, Halls Gap, Vic., February 14-19, 1999. Geological Society of Australia Abstracts.; 53:188-190
- Rawlinson N., Semenova T. O., Houseman G. A., Collins C.D.N., Drummond B.J., 1999. Crustal models of northern Tasmania from wide-angle seismic data. In: Last Conference of the Millennium. Specialist Group in Tectonics and Structural Geology Field Conference, Halls Gap, Vic., February 14-19, 1999. Geological Society of Australia Abstracts.; 53:208-10
- Rudge A, Goleby B, Barr T. 1999. The crustal structure of the Arunta Block and northern Amadeus Basin: from AGSO deep reflection seismic data. In: Miller, J A and Buick, I S (eds), Orogenesis in the outback: a look at cyclicality and reactivation in orogenic belts. Specialist Group in Geochemistry, Mineralogy and Petrology (GSA) Conference, Alice Springs, 12-16 July, 1999. Geological Society of Australia Abstracts.; 54:94
- Bernadel, G., Alcock, M. B., Symonds, P. A., Petkovic, P. & Coffin, M. F., 2000. Recent swath mapping of the southern Macquarie Ridge complex: seafloor characteristics and tectonic development. In: Searching for a sustainable future, 15th Australian Geological Convention, Sydney, 3-7 July, 2000. Geological Society of Australia Abstracts.; 59:32
- Fomin, T, Goncharov, A., Collins, C. & Drummond, B., 2000. Acoustic structure and seismic velocities in the Carnarvon Basin, Australian North West Shelf: towards an integrated study:abstract. *ASEG Preview* **84**, 112-113
- Kritski, A., Muller, R. D., Collins, C.D.N., Christeson, G. I., 2000. Velocity structure of the Argo and Roebuck Basins, NorthWest Shelf of Australia: abstract. *ASEG Preview* **84**, 112
- Sayers, J., Symonds P. A., Direen, N. G., Bernadel, G., 2000. Nature of the continent-ocean transition on the non-volcanic rifted margin of the central Great Australian Bight. In: Searching for a sustainable future, 15th Australian Geological Convention, Sydney, 3-7 July, 2000. Geological Society of Australia Abstracts.; 59:438
- Stagg, H.M.J., Alcock, M.B., Borissova, I., Moore, A.M.G., Symonds, P.A., van de Beuque S., 2000. Structural elements of the Lord Howe Rise. In: Searching for a sustainable future, 15<sup>th</sup> Australian Geological Convention, Sydney, 3-7 July, 2000. Geological Society of Australia Abstracts.; 59:476.
- Stagg, H.M.J., Symonds, P.A., Alcock, M., Borissova, I., Moore, A. M. G., van de Beuque, S., 2000. Tectonics and hydrocarbon potential of Lord Howe Rise. In: Second Sprigg Symposium: frontier basins, frontier ideas, June 29-30 2000, Adelaide. Abstracts and programme. Geological Society of Australia Abstracts.; 60:46-49.
- Willcox B., Johnstone D., Wake-Dyster K., Leven J., Yeates A., Mills K., Shaw R., 2000. A deep-crustal seismic image through the Bancannia Trough and Koonenberry Zone, New South Wales:abstract. *ASEG Preview* **84**, 114.

- Borissova, I., Colwell, J. B. & Stagg, H. M.J., 2003. The conjugate margins of Bruce Rise, Antarctica, and Naturaliste Plateau, southwest Australia. In: *Seismix 2003: the 10th International Symposium on Deep Seismic Profiling of the Continents and their Margins*, 6-10 January 2003, Taupo, New Zealand. Institute of Geological and Nuclear Sciences Ltd; 44
- Borissova, I., Colwell, J. B. & Stagg, H. M.J., 2003. Asymmetric breakup defines margin architecture of Bruce Rise, Antarctica & Naturaliste Plateau, southwest Australia. In: *The Sixth Australian Marine Geoscience Conference, Kioloa, 7-9 July 2003, Program and Abstracts*; 15
- Borissova, I., Direen, N. G. & Brown, B., 2003. Enderby Land. Elan Bank breakup: insights into the margin structure from seismic data and potential field modelling. In: *The Sixth Australian Marine Geoscience Conference, Kioloa, 7-9 July 2003, Program and Abstracts*; 54.
- Jones, L. E. A., Fomin, T. & Drummond, B.J., 2003. Seismic imaging of steep dips with low fold data: case studies for Broken Hill and the Lachlan Fold Belt. *ASEG Preview* **102**, 75
- Finlayson, D.M., Murray, C.G., Johnstone, D.W., Chudyke, E.C., Korsch, R.J., Barton, T.J. & Drummond, B.J., 2004. The Earth's crust across Phanerozoic Australia – a classic continental accretion and evolution model along the 1100 km deep seismic transect in southern Queensland. The 11th International Symposium on Deep Seismic Profiling of the Continents and their Margins, Canadian Geophysical Union and Geological Survey of Canada abstracts, 36-38.
- Goncharov, A, Mueller, D., 2004. Pre-breakup crustal thickness in Australo-Antarctica. In: *Italia 2004: 32nd International Geological Congress: abstracts*; 782
- Jones, L., Lyons, P., Goleby, B., Shearer A., Schwarz M., Skirrow, R., Korsch, R., Totterdell, J., Preiss, W., Direen, N., *et al.* 2004. Gawler Craton uncovered. *ASEG Preview* **111**, 77
- Korsch, R., Drummond, B., Brown, T., Barton, T., Nicoll, M., 2004. Crustal architecture of Tasmania based on deep seismic reflection surveys in and around Tasmania. In: McPhie, J and McGoldrick, P (eds.), *Dynamic earth: past, present and future*. 17th Australian Geological Convention, Hobart, February 2004. Geological Society of Australia, Abstracts 73, 91.
- Korsch, R.J., Preiss, W.V., Connor, C.H. H., Goleby, B.R., Fomin, T., Robertson, R.S. & Burtt, A.C., 2005. Deep seismic reflection data from the Curnamona Province, South Australia: crustal architecture and tectonic implications. Australian Earth Sciences Convention 2006, Melbourne, 2-6 July 2006. Geological Society of Australia Abstract Series, 95.
- Glen, R. A., Korsch, R.J., Costelloe, R. D., Poudjom Djomani, Y. and Mantaring, R., 2006. Preliminary results from the Thomson-Lachlan Deep Seismic Survey, northwest New South Wales. In Lewis, P., ed., *Mineral exploration geoscience in New South Wales*. Extended Abstracts, Mines and Wines Conference, Cessnock, NSW. SMEDG, Sydney, 105-109.
- Tassell, H. & Goncharov, A., 2006. Geophysical evidence for a deep crustal root beneath the Yilgarn Craton and the Albany-Fraser Orogen. Extended abstracts of the Australian Earth Science Convention, Melbourne, 2-6 July 2006, Geological Society of Australia.
- Willman, C. E., Korsch, R.J., Moore, D. H., Rawling, T.J. & Cayley, R. A., 2008. Central Victorian deep crustal reflection seismic survey 2006: implications for mineralisation. Australian Earth Sciences Convention Abstracts, Geological Society of Australia.
- Korsch, R.J., Moore, D.H., Cayley, R.A., Costello, R.D., Nakamura, A., Willman, C.E., Rawling, T.J., Morand, V.J. & O'Shea, P. J., 2008. Crustal architecture of Central Victoria: results from the 2006 deep seismic crustal reflection seismic survey. Australian Earth Sciences Convention Abstracts, Geological Society of Australia.
- Korsch, R.J., Moore, D. H., Cayley, R. A., Costello, R. D., Nakamura, A., Willman, C. E., Rawling, T.J., Morand, V. J. & O'Shea, P. J., 2008. Crustal architecture across central Victoria, Australia, based on deep seismic reflection profiling. International Geological Congress, Oslo, 2008, Abstracts, Session EIL-10 – Large-scale seismic transects: Images of the Earth's crust and mantle.

- Djomani, Y., P. & Glen, R. A., 2009. Geophysical evidence for 'blind' magmatism associated with Devonian rifting, Lachlan Orogen, New South Wales. *ASEG Preview*, **138**, Abstracts of the ASEG 2009 Conference, 56.
- Fomin, T., Saygin, E., Goleby, B. & Meixner, T., 2009. Advances in combining wide-angle and reflection vibroseis surveys from the latest experiments, onshore Australia. *ASEG Preview*, **138**, Abstracts of the ASEG 2009 Conference, 100.
- Goncharov, A., Whittaker, J., Lane, H., Todderdell, J., Muller, D. & Leitchenkov, G., 2009. Australian-Antarctic rifting: new insights from plate tectonic reconstructions of total sediment thickness and crustal seismic velocity grids. *ASEG Preview*, **138**, Abstracts of the ASEG 2009 Conference, 101.
- Holzschuh, J., 2009. Imaging a potential geothermal target using Mt Isa regional seismic reflection and potential field geophysics, Queensland, Australia. *ASEG Preview* **138**, Abstracts of the ASEG 2009 Conference, 58.
- Musgrave, R. & Rawlinson, N., 2009. Coherence between teleseismic tomography and long wavelength features of the gravity and magnetic fields of southeastern Australia. *ASEG Preview* **138**, Abstracts of the ASEG 2009 Conference, 84.