



# Author index to Unpublished Reports issued by the Tasmania Department of Mines, 1983

by E. L. Martin

- 
- BACON, C. A. 1983. Analysis of coal from the Duncan seam, Duncan Colliery, Fingal.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/36.
- BACON, C. A. 1983. Coal intersections in a drill hole near Kempton.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/33.
- BACON, C. A. 1983. Introductory notes for a survey of the coal resources of Tasmania.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/63.
- BACON, C. A. 1983. The Cygnet coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/84.
- BACON, C. A. 1983. The Fingal coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/34.
- BACON, C. A. 1983. The Kaoota (Sandfly) coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/65.
- BACON, C. A. 1983. The Merrywood coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/07.
- BACON, C. A. 1983. The Mount Christie–Stanhope coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/22.
- BACON, C. A. 1983. The Mt Lloyd coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/06.
- BACON, C. A. 1983. The Mt Nicholas coalfield.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/41.
- BACON, C. A. 1983. The Strathblane, Hastings, Ida Bay, Moss Glen and Catamaran coalfields.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/08.
- BACON, C. A. *see also* THREADER, V. M.
- BAILLIE, P. W. 1983. The Parmeener Super-Group at Musselroe Bay: Drilling results and possible Permian volcanic rocks. *Unpubl. Rep. Dep. Mines Tasm.* 1983/58.
- BAILLIE, P. W. *see also* TURNER, N. J.
- BAKER, W. E. 1983. Gold in vegetation as a prospecting method in Tasmania.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/17.
- BROWN, A. V.; STAIT, B. A. 1983. First recorded occurrence of *Geisonoceras* sp. in Tasmania.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/16.
- CLARKE, M. J.; FARMER, N. 1983. A diamond drill hole at The Quoin, south-east of Ross.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/18.
- COLLINS, P. L. F. 1983. Final report on exploratory drilling at the All Nations mine, Moina.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/01.
- COLLINS, P. L. F. 1983. Luina and Wombat Flat exempt areas: a review of previous exploration and a reconnaissance survey of an aeromagnetic anomaly. *Unpubl. Rep. Dep. Mines Tasm.* 1983/35.

- COLLINS, P. L. F. 1983. MIRLOCH — a mineral resources location and characterisation system.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/52.
- DONALDSON, R. C.; SLOANE, D. J. 1983. Site investigation for a proposed stormwater line, Lampton Park, Prince of Wales Bay, Hobart. *Unpubl. Rep. Dep. Mines Tasm.* 1983/20.
- DONALDSON, R. C. *see also* HUDSPETH, J. W.; MATTHEWS, W. L.
- EVERARD, J. L. 1983. Petrology of contact metamorphosed Mathinna Beds, near Trigonia Corner, Maria Island.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/15.
- FARMER, N. *see* CLARKE, M. J.
- FORSYTH, S. M. 1983. Geological map of Blackman River, Mike Howes Marsh to Old Tier Road.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/68.
- GREEN, D. C. 1983. Heavy minerals in Quaternary and Recent sands in Tasmania.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/81.
- HUDSPETH, J. W. 1983. Computer calculation and modelling of Schlumberger configuration resistivity sounding.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/37.
- HUDSPETH, J. W. 1983. Magnetic investigation at Dennistoun as an aid to siting a groundwater bore.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/53.
- HUDSPETH, J. W. 1983. Preliminary report on natural gamma logging of the Coles Bay borehole.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/67.
- HUDSPETH, J. W. 1983. Refraction seismic investigation of an exploratory groundwater bore in dolerite at Rhyndaston.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/66.
- HUDSPETH, J. W.; DONALDSON, R. C. 1983. Magnetic investigation at Squares Marsh as an aid to siting a groundwater bore. *Unpubl. Rep. Dep. Mines Tasm.* 1983/59.
- HUDSPETH, J. W. *see also* MATTHEWS, W. L.
- McCLENAGHAN, M. P. *see* TURNER, N. J.
- MARTIN, E. L. 1983. Author index to Unpublished Reports issued by the Tasmania Department of Mines, 1982.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/10.
- MARTIN, E. L. 1983. Conversion of computer text files for input to the Government Printer's phototypesetter.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/38.
- MARTIN, E. L. 1983. Conversion of computer text files for input to the Government Printer's phototypesetter (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/49.
- MATTHEWS, W. L. 1983. Investigation of a leaking dam at Evandale.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/14.
- MATTHEWS, W. L. 1983. Pump tests on a water bore at Cygnet.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/19.
- MATTHEWS, W. L. 1983. Water supply in the Huntsmans Cap area, Nicholas Range.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/65.
- MATTHEWS, W. L.; HUDSPETH, J. W.; DONALDSON, R. C. 1983. Sinkholes at Railton railway station.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/39.
- MOON, A. T. 1983. Geological investigation of the Remount Refuse Disposal Project.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/23.
- MOON, A. T. 1983. Seismic refraction survey of a proposed railway cutting east of Conara.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/56.
- MOORE, W. R. 1983. Slope stability and subsurface investigation of a subdivision at Deviot.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/42.
- MOORE, W. R. 1983. Subsurface geological investigation of cracked houses in the Mowbray area, Launceston.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/24.

- MOORE, W. R. 1983. Subsurface investigation of a proposed house site at Hillwood, East Tamar.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/56.
- RICHARDSON, R. G. 1983. A FORTRAN program for calculating elevation differences from barometric pressure readings (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/89.
- RICHARDSON, R. G. 1983. A FORTRAN program for calculating the gravitational attraction of polygonal bodies with infinite strike length. *Unpubl. Rep. Dep. Mines Tasm.* 1983/60.
- RICHARDSON, R. G. 1983. A FORTRAN program for calculating the gravitational attraction of polygonal bodies with infinite strike length (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/69.
- RICHARDSON, R. G. 1983. A FORTRAN program for plotting areally distributed gravity (or other) data (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/44.
- RICHARDSON, R. G. 1983. A FORTRAN program for plotting straight-line cross sections (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/45.
- RICHARDSON, R. G. 1983. A FORTRAN program for selecting data from inside or outside a specified area (Revision 2). *Unpubl. Rep. Dep. Mines Tasm.* 1983/30.
- RICHARDSON, R. G. 1983. A FORTRAN program for sorting areally distributed data to minimise plotting time (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/87.
- RICHARDSON, R. G. 1983. A FORTRAN program for the drift correction of gravity data (Revision 3). *Unpubl. Rep. Dep. Mines Tasm.* 1983/28.
- RICHARDSON, R. G. 1983. A FORTRAN program for the drift correction of gravity data (Revision 4). *Unpubl. Rep. Dep. Mines Tasm.* 1983/70.
- RICHARDSON, R. G. 1983. A theoretical basis for gravity residual specification (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/43.
- RICHARDSON, R. G. 1983. CARS — A computer assisted records system. *Unpubl. Rep. Dep. Mines Tasm.* 1983/48.
- RICHARDSON, R. G. 1983. CARS — A computer assisted records system (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/62.
- RICHARDSON, R. G. 1983. FORTRAN programs for performing gravity reduction (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/31.
- RICHARDSON, R. G. 1983. FORTRAN programs for the implementation of MIRLOCH. *Unpubl. Rep. Dep. Mines Tasm.* 1983/48.
- RICHARDSON, R. G. 1983. FORTRAN programs for the transfer of data to or from a Perkin-Elmer 3200 series minicomputer (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/25.
- RICHARDSON, R. G. 1983. FORTRAN programs for verifying the areal distribution of data points (Revision 1). *Unpubl. Rep. Dep. Mines Tasm.* 1983/26.
- RICHARDSON, R. G. 1983. Hardcopy plotting on the Geological Survey minicomputer. *Unpubl. Rep. Dep. Mines Tasm.* 1983/38.
- SLOANE, D. J. 1983. Groundwater investigations at Coastal Reserves on the East Coast of Tasmania. *Unpubl. Rep. Dep. Mines Tasm.* 1983/78.
- SLOANE, D. J. 1983. Groundwater investigations at the St Helens golf course. *Unpubl. Rep. Dep. Mines Tasm.* 1983/71.
- SLOANE, D. J. 1983. Groundwater prospects at Keenan's property, South Arm. *Unpubl. Rep. Dep. Mines Tasm.* 1983/51.
- SLOANE, D. J. 1983. Site investigations at a proposed dam site on Nicholls Rivulet, near Cygnet. *Unpubl. Rep. Dep. Mines Tasm.* 1983/09.
- SLOANE, D. J. 1983. Stability investigations at Robert Street, Beauty Point. *Unpubl. Rep. Dep. Mines Tasm.* 1983/47.

- SLOANE, D. J. 1983. The erosion of granite-derived soils in eastern and north-eastern Tasmania, with reference to forestry operations. Part 1: Hydrologic cycle, erosion, and previous investigations.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/11.
- SLOANE, D. J. 1983. The erosion of granite-derived soils in eastern and north-eastern Tasmania, with reference to forestry operations. Part 2: Investigation of erosion at forestry coupe EL 1, Chain of Lagoons.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/18.
- SLOANE, D. J. 1983. The erosion of granite-derived soils in eastern and north-eastern Tasmania, with reference to forestry operations. Part 3: Proposed forestry development in far north-east Tasmania.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/13.
- SLOANE, D. J. *see also* DONALDSON, R. C.
- STAIT, B. A. *see* BROWN, A. V.
- STEVENSON, P. C. 1983. Soil salinities at Port Arthur.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/08.
- STEVENSON, P. C. 1983. The groundwater resources of the Southport Lagoon Spit.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/64.
- THREADER, V. M. 1983. Basalt reserves on Kapai Hill, north-east Tasmania.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/55.
- THREADER, V. M. 1983. Sand and gravel resources on Lease/Licence areas at Bellamy Road near Forth.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/54.
- THREADER, V. M. 1983. Sand resources on P. L. Burns lease, Tebrakunna Road, near Pioneer.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/63.
- THREADER, V. M.; BACON, C. A. 1983. The Department of Mines coal exploration programme, Fingal Tier.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/46.
- TURNER, N. J.; BAILLIE, P. W.; McCLENAGHAN, M. P. 1983. Definition of the Eddystone Batholith.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/57.
- WILLIAMS, E. 1983. The areal distribution of rock-units during Early Palaeozoic times.  
*Unpubl. Rep. Dep. Mines Tasm.* 1983/61.

[4 January 1984]