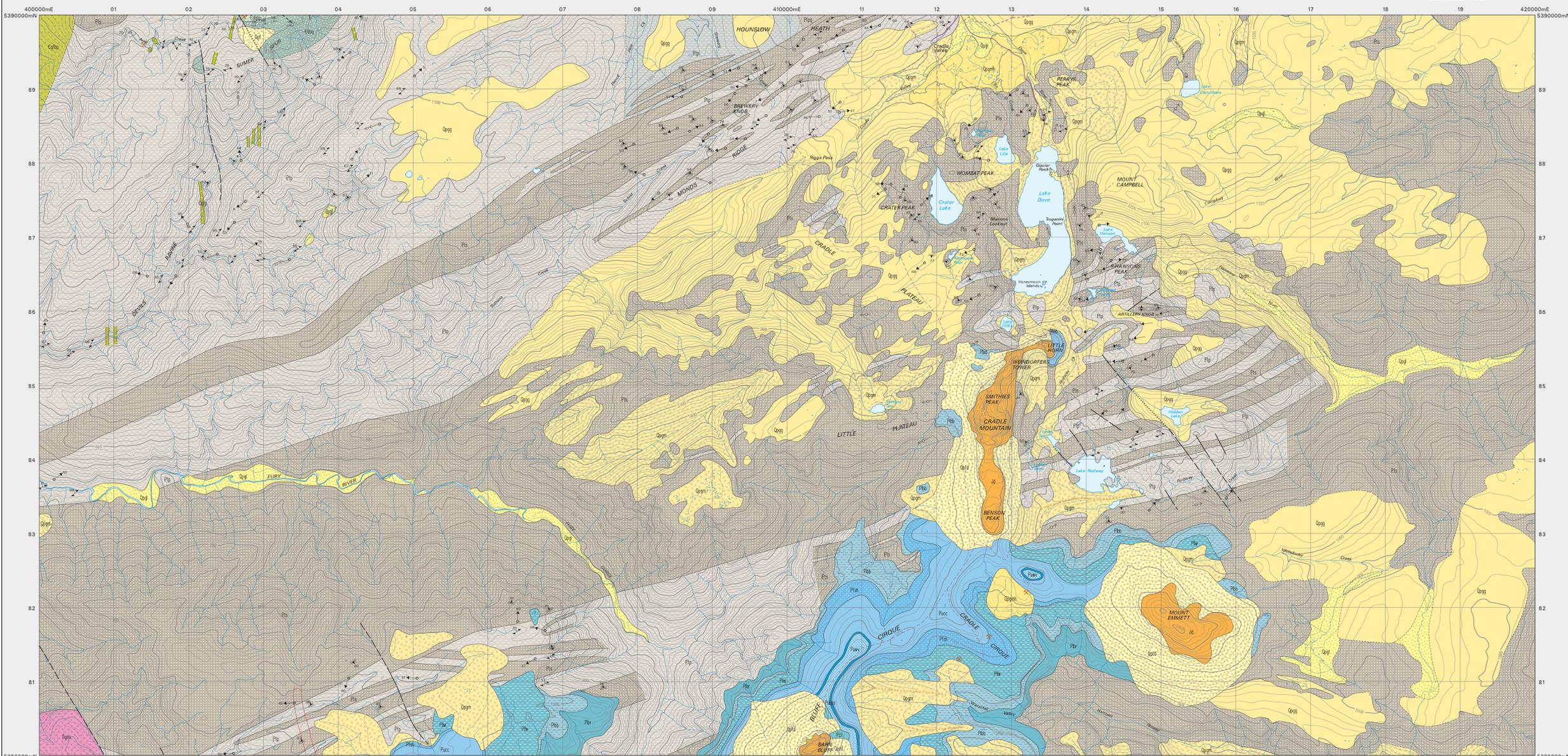
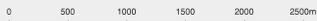


CRADLE

Scale: 1:25 000



400000mE 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 420000mE
5390000mN 89 88 87 86 85 84 83 82 81 5380000mN

CENOZOIC		QUATERNARY		PLEISTOCENE	
	Qp1		Qp1		Undifferentiated talus deposits (Qp1).
	Qp2		Qp2		Talus consisting dominantly of dolerite boulders (Qp2).
	Qp3		Qp3		Glacial and glaciene deposits (Qp3).
	Qp4		Qp4		Fluvioglacial and lacustrine deposits (Qp4).
	Qp5		Qp5		Hummocky moraine (Qp5).
	Qp6		Qp6		Moraine and associated deposits (Qp6).
PALAEOZOIC		PERMIAN		LOWER PERMIAN SUPERGROUP	
	Pc1		Pc1		Well bedded to massive quartz-feldspathic sandstone, bioturbated argillaceous mudstone and carbonaceous shale and sandstone (Mt Inglis Sandstone) (Pc1).
	Pc2		Pc2		Predominantly blue-grey unfossiliferous mudstone and siltstone (Waterfall Valley Siltstone) (Pc2).
	Pc3		Pc3		Fine to coarse grained quartz-feldspathic sandstone and minor pebble conglomerate (Benson Peak Sandstone) (Pc3).
	Pc4		Pc4		Well bedded micaceous and argillaceous siltstone with minor pebbly siltstone, calcareous siltstone and fossiliferous limestone (Cradle Cirque Siltstone) (Pc4).
	Pc5		Pc5		Block carbonaceous siltstone, quartzose siltstone and quartz-feldspathic sandstone (Lake Holmes Coal Measures) (Pc5).
	Pc6		Pc6		Well stratified sequence of siltstone and conglomerate, calcareous siltstone, mudstone and sandstone (Lake Will Pebbly Siltstone) (Pc6).
	Pc7		Pc7		Massive, poorly bedded and sorted pebble-boulder grade conglomerate (Barn Bluff Conglomerate) (Pc7).
	Pc8		Pc8		Pebbly siltstone and conglomerate with minor limestone and sandstone (Burrill River Pebbly Siltstone) (Pc8).
MESOZOIC		DEVONIAN		MIDDLE DEVONIAN	
	Dd		Dd		Dolerite and related rocks (Dd).
	Dgs		Dgs		Undifferentiated alkali-feldspar granite/granite/diorite (Dgs).
	Cfap		Cfap		Quartz - feldspar porphyry, dominantly intrusive (Cfap).
	Cfapb		Cfapb		Quartz - feldspar +/- biotite +/- hornblende porphyry (Cfapb).

PROTEROZOIC		MESOPROTEROZOIC	
	Pts		Pts

INTRUSIVE ROCKS

Dd	Dolerite and related rocks (Dd).
Dgs	Undifferentiated alkali-feldspar granite/granite/diorite (Dgs).
Cfap	Quartz - feldspar porphyry, dominantly intrusive (Cfap).
Cfapb	Quartz - feldspar +/- biotite +/- hornblende porphyry (Cfapb).

Geological boundary - position accurate or approximate.
Geological boundary - position inferred.
Moraine Ridge Crests.
Fault - position accurate or approximate.
Fault - position inferred.
Fault - position concealed.
Lineament visible on airborne magnetic data.
(White line) Limit of mapping of sub-unit within undifferentiated rock unit ('Colour boundary').

- Strike and dip of bedding, facing unknown.
- Strike and dip of cleavage of unspecified type and relative age.
- Strike and dip of metamorphic foliation other than cleavage, parallel to compositional layering - dipping vertical.
- Strike and dip of cleavage, relative local age S2 - dipping vertical.
- Trend and plunge of lineation L2 formed by intersection of cleavages or foliation of relative local ages S1 and S2 relative local age L2.
- Trend and plunge of crenulation lineation on S2 in pelitic rocks, and strong quartz mineral lineation in quartzitic rocks, relative local age F4-S.
- Trend and plunge of minor fold hinge line, relative local age F2.
- Glacial striae, showing sense of movement.
- Mineral deposit location - hardrock Data derived from Mineral Resources Tasmania (MRS) data base. Data point position has not been verified in every case.
- Mineral deposit location - alluvial Data derived from Mineral Resources Tasmania (MRS) data base. Data point position has not been verified in every case.
- Construction materials location - Data derived from Mineral Resources Tasmania (MRS) data base. Data point position has not been verified in every case.

Compiled by M.J. Vicary 2004 as part of the Western Tasmania Regional Minerals Program from the following sources (see Responsibility Diagram):

A. BARTON, C.M., BURNS, K.L., GEE, R.D., GROVES, D.I., GILLIE, A.L., JENNINGS, D.J., LUDWIG, M.J., MARSHALL, B., MATHEWS, W.L., MOORE, P.R., MURPHY, L.H., THOMAS, W.M., and URSCHMIDT, C. 1995. Geological atlas 1 mile series, B014N & IV Zone 7 Sheet 44 Mackintosh. Tasmania Department of Mines.

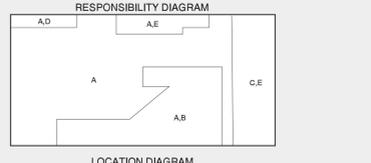
B. GEE, R.D. and BURNS, K.L. 1968. Permian stratigraphy and sedimentation in the Barn Bluff area, central Tasmania. *Proc. Geol. Surv. Tasmania*, 10.

C. JENNINGS, I.E. and BURNS, K.L. 1958. Geological atlas 1 mile series, Zone 7 Sheet 45 Middlesex. Tasmania Department of Mines.

D. VICARY, M.J. and FEMBERTON, J. 1988. Mount Peel Volcanics Project Map. Geology of the Back Peak - Cradle Mountain Link Road area. Geol. Surv. Tasmania, Dept. of Mines, Hobart.

E. All photographs interpretation by M.Vicary.

Digital base information from Information and Land Services Division, Department of Primary Industries, Water and Environment.
Map produced by the Data Management Branch of Mineral Resources, Tasmania using G.I.S. software.
ACTSD - AMIS Zone 55. Contour Interval: 20 metres.



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