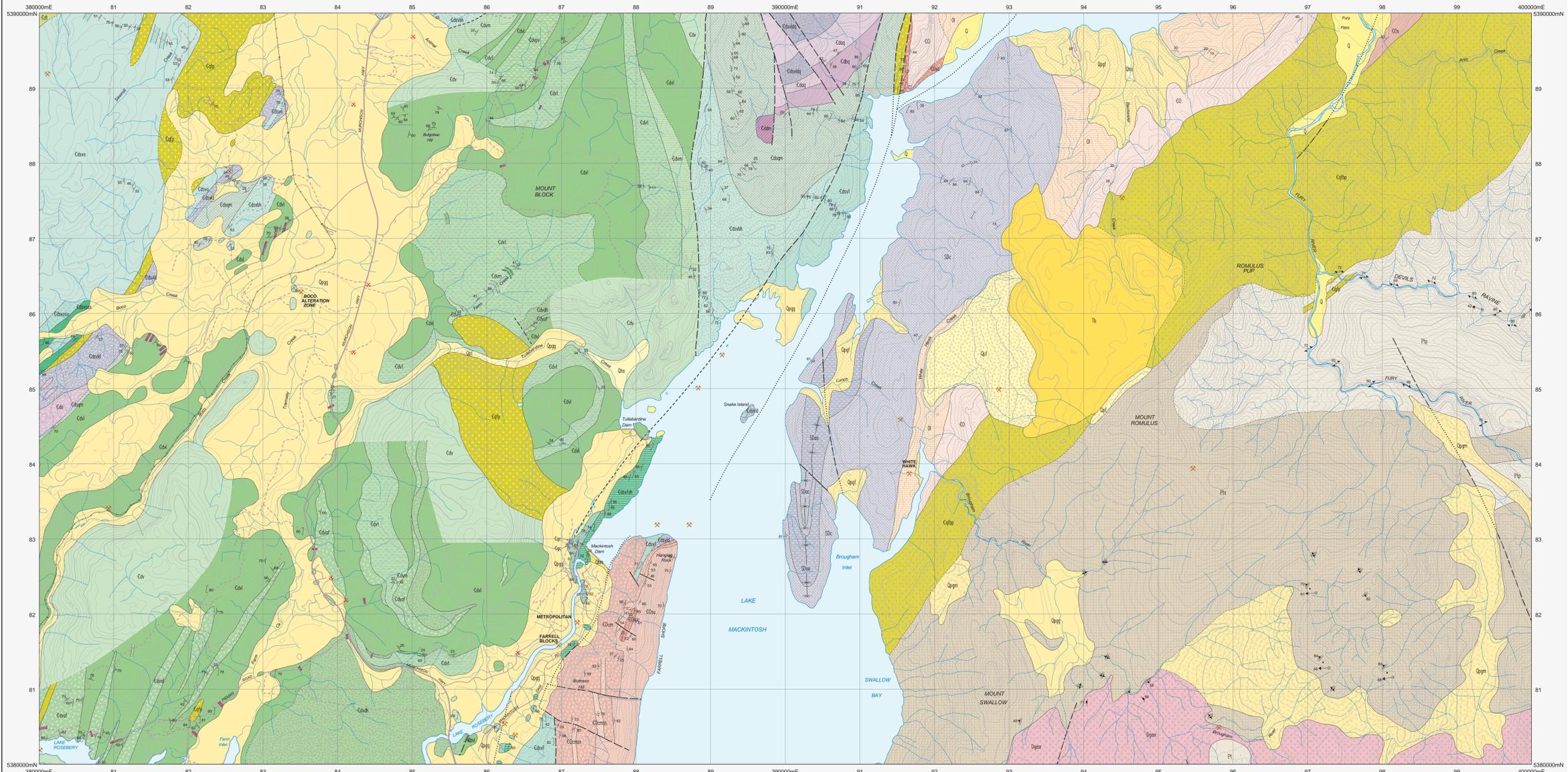


# BLOCK

Scale: 1:25 000



PERIOD	UNIT CODE	DESCRIPTION
CENOZOIC	QUATERNARY	Qhm Cultural features - mine tailings, dams, (Qhm).
		Qhs Alluvium, swamp and marsh deposits (Qhs).
		Qst Talus and scree deposits (Qst).
	PLEISTOCENE	Qspg Glacial deposits, usually bouldery (Qspg).
		Qmgn Mostly moraine deposits (Qmgn).
		Qmgn Mostly fluvio-glacial gravels (Qmgn).
		Qmgn Mostly fluvio-glacial gravels (Qmgn).
	PALEOGENE - NEOGENE	Tb Basalt with minor associated sediments in places (Tb).
		SDac Siltstone-correlate of Austral Creek Siltstone (SDac).
		SDak Quartzite-correlate of Keel Quartzite (SDak).
SILURIAN	SDs Siltstone and shale - correlate of Amber Slate (SDs).	
	SDc Quartzite and sandstone-correlate of Crusty Quartzite (SDc).	
ORDOVICIAN	Di Limestone with minor siltstone and sandstone (Di).	
	FURCATION	CDsu Undifferentiated upper Owen Sandstone and correlatives. Upper unit of sandstone and granite-pebble conglomerate with subordinate siltstone. Clasts of chert common (CDsu).
CDu Units of coarser pebble-cobble conglomerate (CDu).		
CDm Pebble-cobble to cobble-boulder conglomerate, thick-bedded to massive, with minor sandstone lenses. Middle Owen Conglomerate and correlatives (CDm).		
CAMBRIAN	CDms Units of predominantly sandstone (CDms).	
	CDv Volcanic conglomerate, breccia and sandstone, usually at base of sequence, includes correlate of Jakes Conglomerate (CDv).	

PERIOD	UNIT CODE	DESCRIPTION
PALEOZOIC	CAMBRIAN	Cdv Volcanic conglomerate, breccia and sandstone, usually at base of sequence, includes correlate of Jakes Conglomerate (CDv).
		Cdvf Volcano-sedimentary sequence of shale, siltstone, volcanic sandstone and breccia, siliclastic sandstone and minor felsic lava (Cdvf).
		Cdvfs Dominantly grey-black shale and siltstone with some interbedded sandstone (Cdvfs).
		Cdvsu Dominantly volcanic sandstone with interbedded mudstone and breccia (Cdvfs).
		Cdvsf Felsic lava, typically felspar +/- quartz-phyric (Cdvfs).
		Cdvsu Interbedded volcanic breccia, sandstone, siltstone and mudstone, with minor felsic lava and intrusive-extrusive porphyry bodies (Cdvfs).
		Cdvsu Interbedded volcanic breccia, sandstone, siltstone and mudstone, with minor felsic lava and intrusive-extrusive porphyry bodies (Cdvfs).
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PERIOD	UNIT CODE	DESCRIPTION	
MESOZOIC	DEVONIAN	Ptp Dominantly phyllite (Ptp).	
		Pta Dominantly quartzite (Pta).	
		INTRUSIVE ROCKS	Dgprv Medium- to coarse-grained porphyritic (K-feldspar) to equigranular, biotite-muscovite-bearing alkali felspar (Granite or Granite, S-type).
			Cdtpb Quartz-feldspar +/- biotite porphyry, mainly intrusive (Cdtpb).
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PERIOD	UNIT CODE	DESCRIPTION
MESOZOIC	DEVONIAN	Cdtpb Medium- to coarse-grained porphyritic (K-feldspar) to equigranular, biotite-muscovite-bearing alkali felspar (Granite or Granite, S-type).
		Cdtpb Quartz-feldspar +/- biotite porphyry, mainly intrusive (Cdtpb).
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Compiled by J. Pemberton, B.Sc. (Hons), A.W. McNeill, B.Sc. (Hons), K.D. Corbett, B.Sc. (Hons), Ph.D. and M.J. Vicary, B.Sc. (Hons), 1995 from the following sources (see responsibility diagram):

A CORBETT, K.D. and McNEILL, A.W., 1986. Geology of the Rosebery-AM Black area. Mt Read Volcanic Project Map 2, Department of Mines, Tasmania.

B BARTON, C.M. et al. 1968. Geological Atlas 1:63 300 Series. Sheet 44 (807-N), Mackintosh, Department of Mines, Tasmania.

C VICARY, M.J. and PEMBERTON, J., 1986. Geology of the Black Peak-Cradle Mountain-Lake Road area. Mt Read Volcanic Project Map 7. Department of Mines, Tasmania.

D RICHARDSON, S.M., 1994. Exploration Licence 10687 Lake Mackintosh Tasmania. Progress report for the period April 1993 to February 1994. Apatite Resources Ltd. TCR 94-3537.

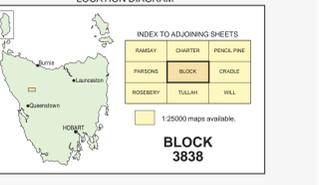
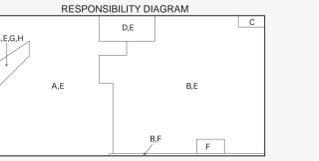
Updated by:

E K.D. Corbett, 2003. Revised and updated after WTRMP studies.

F McLELLAN, M.P., 2001. Ground mapping of Western Tasmania Regional Minerals Program: geological data in the Granite Tor area, Tasmania. Geological Survey Record 2003/10. Mineral Resources Tasmania.

G McNEILL, A.W., 2002. EL 42000 Balgobac. Annual report for the period ending May 16, 2002. Paterson Exploration. TCR 02-4667.

H REID, R.O., 1980. The geology of the Burns Peak-Boo Boo Road area. BSOctone, Thesis, University of Tasmania.



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PEMBERTON, J., McNEILL, A.W., CORBETT, K.D. and VICARY, M.J. (compilers) 1995. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3838 Block, Mineral Resources Tasmania.

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GDA84 - MGA Zone 55. Contour Interval: 20 metres.

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