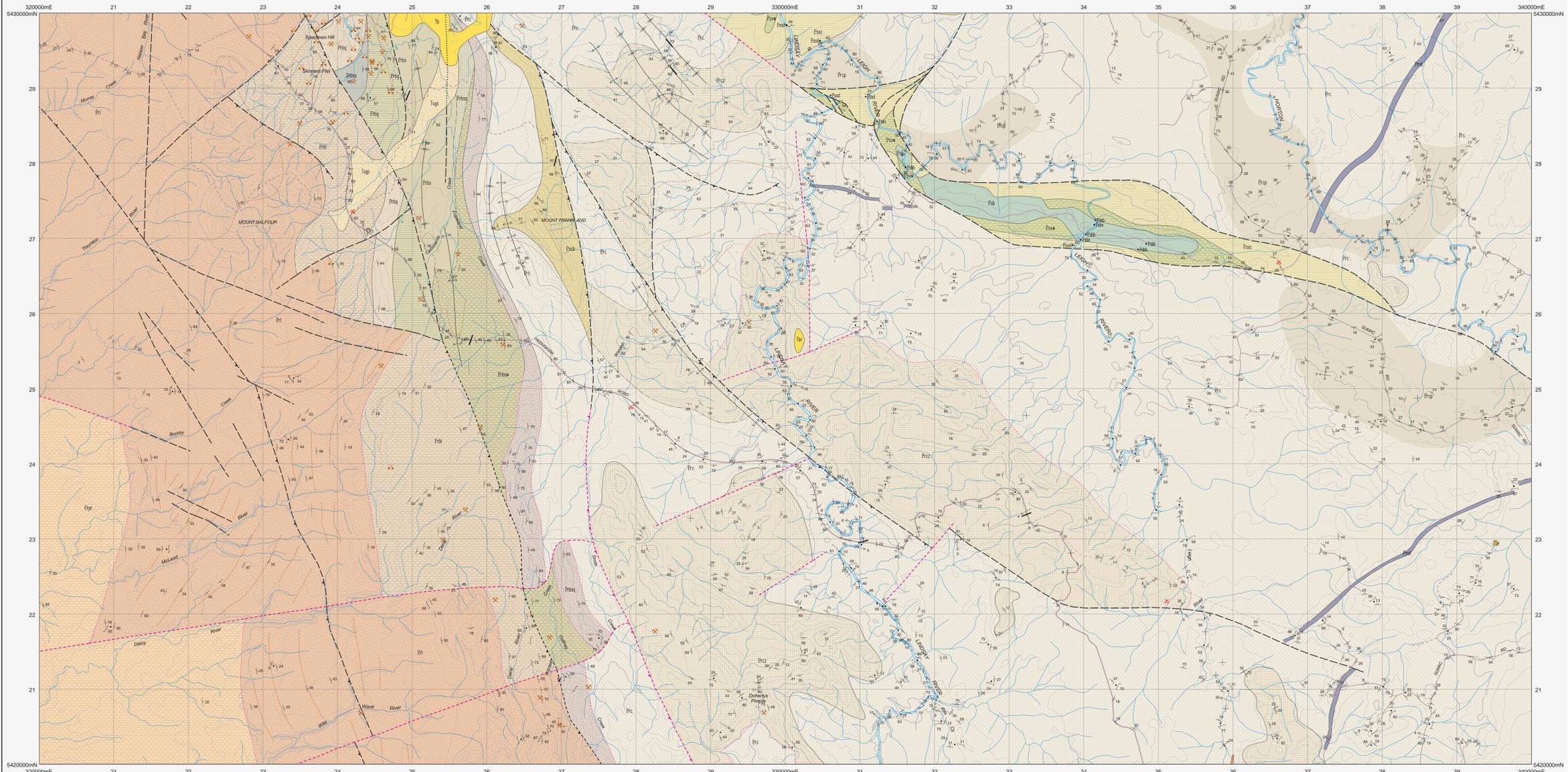
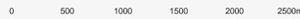


BALFOUR

Scale: 1:25 000



PERIOD	UNIT	DESCRIPTION
CENOZOIC - PALEOGENE - NEOGENE	Tb	Basalt (Tb): transitional olivine basalt (Tb) and basaltite (Tb) indicated.
	Tsgs	Interbedded siliceous gravel, quartz sand and clay (Tsgs).
NEOPROTEROZOIC	Psbw	Interbedded laminated mudstone, siltstone, and shaly siltstone with mafic volcanic detritus (Psbw) (Kessop Creek Formation).
	Psb	Massive basalt (Psb). Varieties with 10 - 15% TiO2 (Psb1), 15 - 18% TiO2 (Psb2) and evolved varieties with 16 - 23% TiO2 and < 4% MgO (Psb3) indicated (Psb, Pbsb, Pbsc, Pbsd - Spikes Creek Volcanics).
MESOPROTEROZOIC	Prc	Interbedded massive or banded, black, white and grey chert (sulfidic in part) and laminated siltstone, with minor dolomite (Prc); some dolomite outcrops indicated (Prc).
	Prc	Chert breccia and conglomerate (with clasts dominantly of black, grey and white chert) and subordinate orthoquartzite, interbedded with pale grey-weathering, distinctly laminated medium-grained orthoquartzite (Prc). (Cornelia of Forest Conglomerate and Quartzite).

PERIOD	UNIT	DESCRIPTION
MESOPROTEROZOIC	Prc	Interbedded massive or banded, black, white and grey chert (sulfidic in part) and laminated siltstone, with minor dolomite (Prc); some dolomite outcrops indicated (Prc).
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Compiled by J.L. Everard, B.Sc. (Hons), A.R. Reed, B.Sc. (Hons) and D.B. Seymour, B.Sc. (Hons), PH.D. 2003 from the following sources (see responsibility diagram):

A. J.L. Everard new 1:25 000 scale mapping 1998-99, augmented by interpretation of airborne magnetic and radiometric data and interpretation of aerial photographs.

B. A.R. Reed new 1:25 000 scale mapping 1998-99, augmented by interpretation of airborne magnetic and radiometric data and interpretation of aerial photographs.

C. D.B. Seymour new 1:25 000 scale mapping 1998-99, augmented by interpretation of airborne magnetic and radiometric data and interpretation of aerial photographs.

D. J.L. Everard additional structural information from new fieldwork, 2015.

REFERENCE THIS MAP AS:
EVERARD, J.L., REED, A.R., SEYMOUR, D.B. (compilers) 2003.
Digital Geological Atlas 1:25 000 Scale Series, Sheet 3242
Balfour, Mineral Resources Tasmania.

Base data from the LUST, Copyright State of Tasmania.
Map produced by Spatial Information Services,
Mineral Resources Tasmania using G.I.S. software.
Website: www.mrt.tas.gov.au

GD484 - MGA Zone 55. Contour Interval: 20 metres.

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