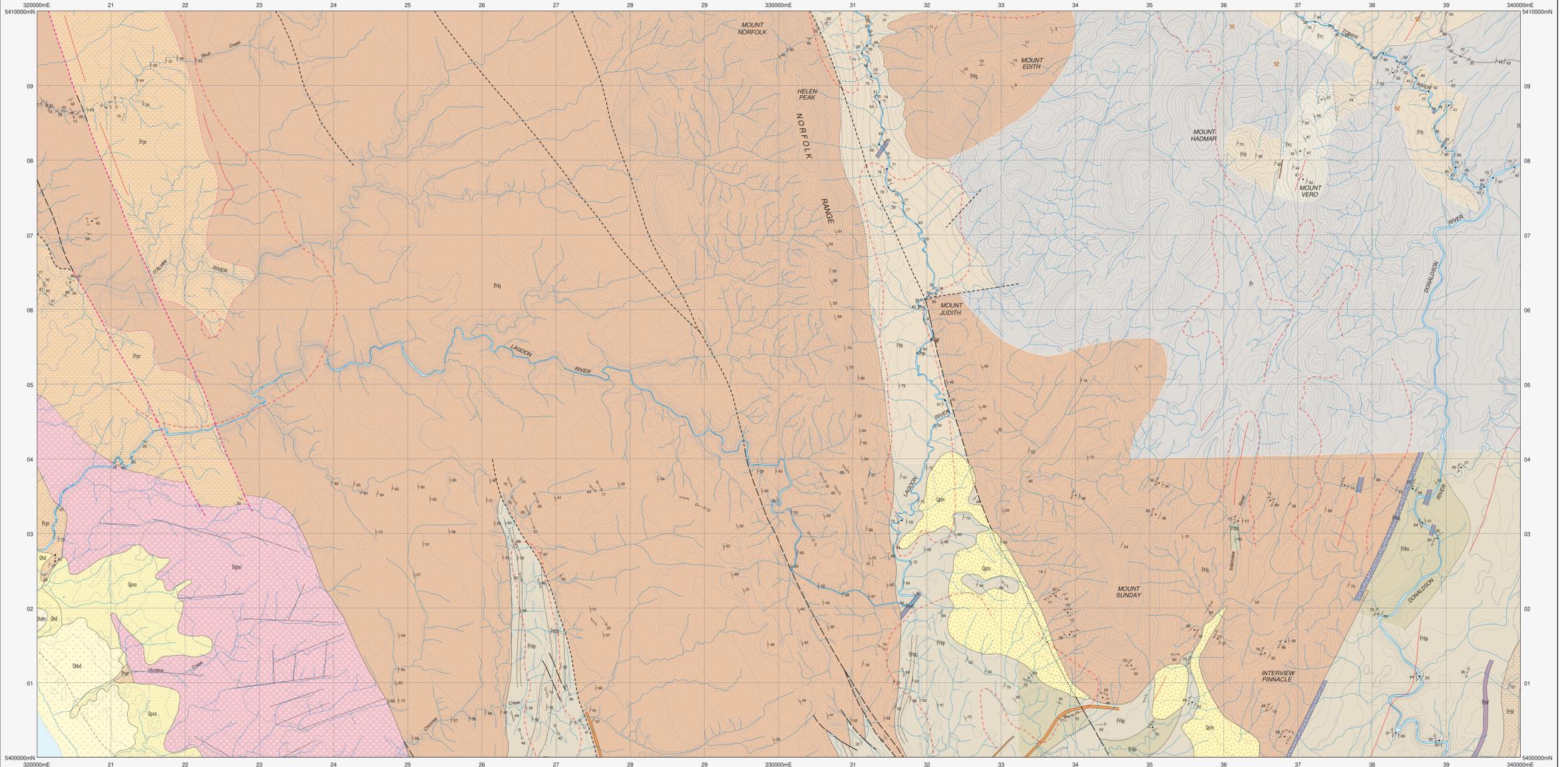
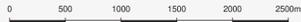


LAGOON

Scale: 1:25 000



PRELIMINARY EDITION

CENOZOIC	QUATERNARY				
	PLEISTOCENE	HOLOCENE			
	Qha	Stream alluvium, swamp and marsh deposits (Qha).			
	Qhb	Younger active dune, beach sand and beach gravel (Qhb).			
	Qpa	Older aeolian sand and sand dunes (Qpa).			
	Qpn	Talus derived from Neoproterozoic quartzite (Qpn).			
PALEOZOIC	DEVONIAN				
		Dgsl	Quartz vein (qv).		
		Medium- to coarse-grained, generally wairarapa, biotite-muscovite-bearing monzonite/tytonite, with minor cordierite and rare garnet, and aligned orthopyroxene and subordinate plagioclase in some places (Interview Granite, s-type) (Dgsl).			
		Dmld	Dolerite dykes, some foliated (Dm) and quartz-bearing (Dmz) varieties indicated (Dm).		
PRECAMBRIAN	PROTEROZOIC	MEGACRYSTALINE	Erc	Dominantly planar laminated, commonly carbonaceous and pyritic, black grey or green siltstone (Erc correlates of the Cornie Siltstone) (Erc).	
			Erb	Dominantly wavy cross-laminated siltstone, consisting of alternating thin laminae of pale siliceous and dark carbonaceous laminae, with local chlorite porphyroblasts and subordinate planar laminated grey or green siltstone (Erb). Some mappable units of micaceous quartz sandstone and quartzite indicated (Erb).	
			Erd	Dark grey, planar bedded, silty to relatively massive chloritic siltstone and minor mudstone (Erd derived from Corinna 1:50000 map) (Erd).	
			Ere	Thinly laminated siltstone and mudstone (Ere derived from Corinna 1:50000 and Flamingo 1:62500 maps) (Ere).	
			Erf	Some mappable units of micaceous quartz sandstone and quartzite indicated (Erf).	
			Erg	Grey siltstone with thin commonly lenticular graded beds of pale siltstone and sandstone on scoured bases (Erg derived from Corinna 1:50000 map) (Erg).	
			Eri	Dominantly micaceous quartz sandstone and orthoquartzite (Lagoon River Quartzite) (Eri).	
			Ers	Dark grey siltstone, commonly with thin (0.5 - 2mm) wavy to convolute lamination, cross-lamination, graded bedding and local coarse grading (to a channel (3 - 20m)), undulose to planar-bedded, grey-and-cream siltstone (Padder River Siltstone) (Ers).	
					BAUOUI SUBGROUP including Interview Siltstone
					REOY CALE GROUP

—	Geological boundary - position approximate
- - -	Geological boundary - position inferred
- · - · -	Geological boundary - inferred from airborne radiometric data
- - -	Fault - position approximate
- - -	Fault - position inferred
- · - · -	Fault - position concealed
- · - · -	Fault - inferred from airborne radiometric data
—	Lineament visible on aerial photographs
—	Lineament visible in airborne magnetic data
—	Magnetic gradient or lineament (direction towards lower values indicated)
—	Limit of mapping
(white line)	Limit of mapping of sub-unit within undifferentiated rock units

↘ ↘	Strike and dip of bedding, facing unknown, right way up.
↘ ↘	Strike of vertical bedding, facing unknown.
↘ ↘	Strike and dip of cleavage, facing unknown, right way up.
↘ ↘	Strike and dip of cleavage, relative local age S1, S2, S3.
↘ ↘	Strike of vertical cleavage, relative local age S3, S1.
↘ ↘	Trend and plunge of minor fold hinge line, unspecified relative age.
↘ ↘	Trend and plunge of hinge line of minor fold, unspecified relative age; antiform synform.
↘ ↘	Trend of horizontal minor fold hinge line, unspecified relative age.
↘ ↘	Trend and plunge of minor fold hinge line, relative local age F1, with dip and dip direction of axial surface.
↘ ↘	Trend and plunge of kink-fold hinge line, with dip and dip direction of axial surface, and sense of displacement viewed down-plunge.
↘ ↘	Trend and plunge of bedding/primary cleavage intersection lineation (L).
•	Notable small outcrop.
•	Field station for adjacent readings on map.
✕	Mineral deposit location - hardrock - Data derived from Mineral Resources Tasmania DEPOSITS database. Data point position has not been verified in every case.

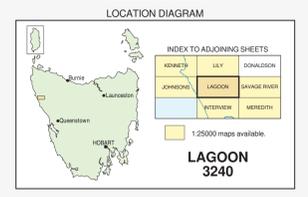
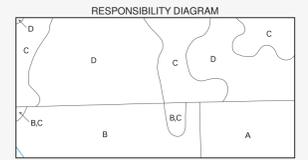
Compiled by J.L. Everard, B.Sc.(Hons), 2012 from the following sources (see responsibility diagram):

A TURNER, N.J., BROWN, A.V., McGLEAGHAN, M.P. and SOETEMAN, I. 1991. Geological Atlas 1:50 000 Series, Sheet 43 (FRANK, Corinna). Department of Mines, Tasmania.

B GEE, R.D., GULLINE, A.B., BRADY, A.P. and GROVES, D.I. 1969. Geological Atlas 1:50 000 Series, Sheet 42 (7814N). Permit Heads Department of Mines, Tasmania.

C Reconnaissance traverses, J.L. Everard, 2003.

D Geophysical (radiometric and magnetic) interpretation with limited ground information.



REFERENCE THIS MAP AS:
EVERARD, J.L. (compiler) 2012. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3240 Lagoon (Preliminary edition). Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania, Mineral Resources Tasmania using G.I.S. software.

Map produced by Spatial Information Services, Mineral Resources Tasmania using G.I.S. software.

Website: www.mrt.tas.gov.au

GD94 - MGA Zone 55. Contour Interval: 20 metres.



While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability for or attributable to any negligent or wrongful act or omission) to any person whatsoever in respect of anything done or omitted to be done by any such person in reliance wholly or in whole or in part upon any of the material in this data. Crown copyright reserved.