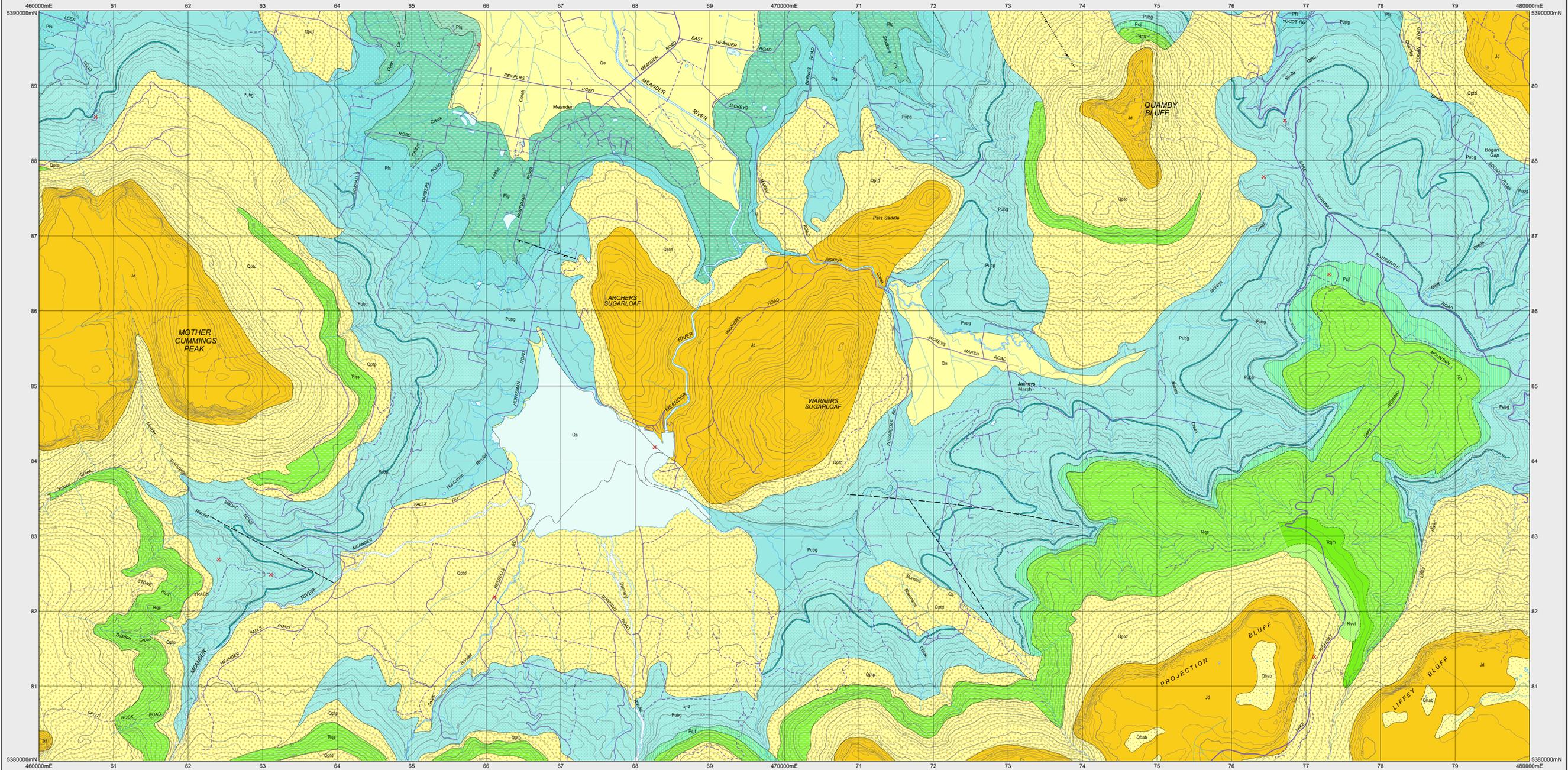


QUAMBY BLUFF

Scale 1:25 000



CENOZOIC	QUATERNARY	FLUVIOTERRESTRIAL	
		Qhab	Swamp and marsh deposits (Qhab).
	Qa	Alluvial gravel, sand and clay (Qa).	
	Qp1d	Talus consisting dominantly of dolerite boulders (Qp1d).	
	Qp1p	Talus consisting dominantly of Permo - Triassic Parmeener Supergroup boulders (Qp1p).	
MESOZOIC	TRIASSIC	Rv1i	Interbedded yellow brown or grey carbonaceous siltstone, mudstone and thin to thick-bedded quartz-rich lithic arkosic sandstone, some fossil plants, common siltstone palaeosols (Rv1i).
		Rq1m	Interbedded micaceous brown, red-purple, green and grey carbonaceous siltstone, shale and mudstone with notable thin beds of bioturbated siltstone and planar-bedded, ripple cross-laminated and cross-bedded quartzose and muddy quartzose sandstone (Rq1m).
	Pj1f	Cross bedded quartz sandstone, heterolithic sandstone and shale (Rq1s).	
	Pj1f	Carbonaceous sandstone and shale with plant fossils (Jackey Formation) (Pj1f).	
PALEOZOIC	PERMIAN	Pubb	1 to 2m thick resistant unit of siliceous granule to pebble conglomerate (Blackwood Conglomerate) (Pubb).
		Pubg	Unfossiliferous pebbly siltstone, siltstone and sandstone (Bogan Gap Group) (Pubg).
		Pupb	3 to 5m thick resistant unit of unfossiliferous pebbly sandstone and conglomerate (Palmer Sandstone) (Pupb).
		Pupg	Sandstone, mudstone and pebbly mudstone with marine fossils (Poatina Group) (Pupg).
	Pi1s	7 to 12m thick resistant unit of brown-grey medium grained fossiliferous pebbly sandstone (Dabool Sandstone) (Pupd).	
	Pi1s	Dominantly well-sorted quartz sandstone, normally cross-bedded or laminated and commonly with interbedded and laminated carbonaceous shale, lesser conglomerate and rare coal (Liffey Sandstone) (Pi1s).	
	Pi1g	Predominantly fossiliferous and erratic rich mudstone, shale, limestone and sandstone (Cadden Valley Group) (Pi1g).	
	Pi1q	Unfossiliferous dark grey pyritic mudstone (Quamby Mudstone) (Pi1q).	

INTRUSIVE ROCKS

Jd	Dolerite and related rocks (Jd).
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CONTACTS

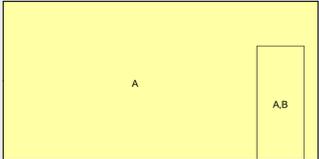
- Geological contact.
- Geological contact - inferred.
- Limit of mapping of sub-unit within undifferentiated rock unit.
- Limit of detailed mapping.

FAULTS

- Fault.
- Normal fault (downthrown side indicated).
- Normal fault (downthrown side indicated) - concealed.

Strike and dip of bedding, right way up.
Construction material/industrial mineral/gemstone location.

SOURCE DIAGRAM



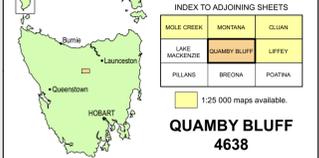
- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg. 1:25 000 map or equivalent detail).
- Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by M.J. Vicary, B.Sc. (Hons), 2004 as part of the Western Tasmanian Regional Minerals Program from the following sources (see source diagram).

A Barton, C.M., Bravo, A.P., Gulline, A.B., Longman, M.J., Marshall, B., Matthews, W.L., Moore, W.R., Navey, I.H. and Piles, G.P., 1989. Geological Atlas 1:50 000 scale series, Sheet 46 (8214N) Quamby, Tasmania Department of Mines.

B Forsyth, S., 2004. Personal communication.

LOCATION DIAGRAM



REFERENCE THIS MAP AS:

VICARY, M.J. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4638 Quamby Bluff. Mineral Resources Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au



GDA94 - MGA Zone 55. Contour interval: 20 metres.

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