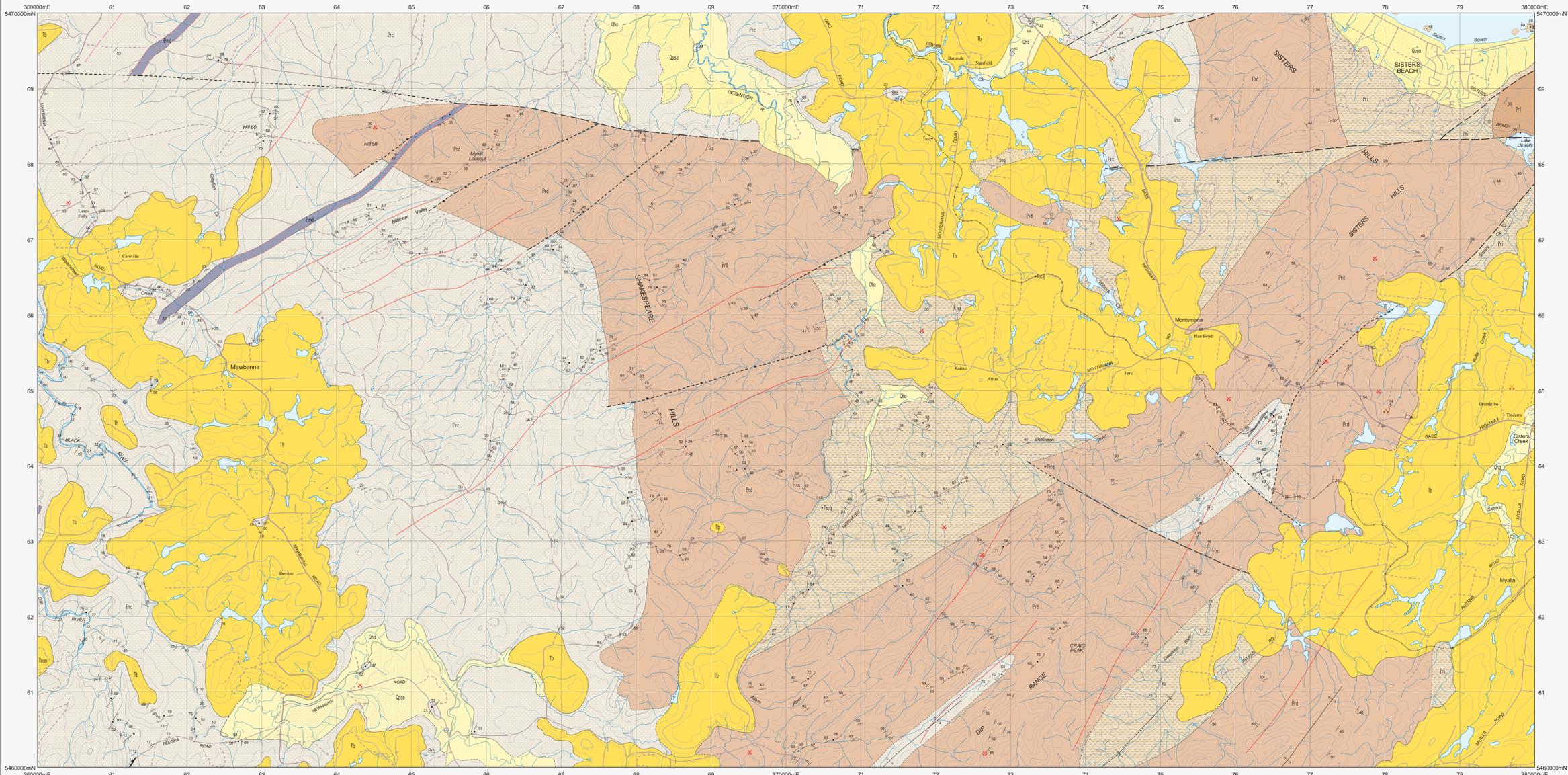


MAWBANNA

Scale: 1:25 000



CENOZOIC	
QUATERNARY	
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qpao	Older alluvium of river terraces (Qpao).
Qpsa	Aeolian sand of predominantly coastal plain, with underlying marine sands in places (Qpsa).
	Erosional surface.
PALEOGENE-NEOGENE	
Tb	Basalt (Tb); aakali olivine basalt indicated (Tbas).
Tsc	Siliceous conglomerate, quartzite and claystone (Tsc).
	Angular unconformity.

MESOPROTEROZOIC-NEOPROTEROZOIC	
Prj	Well-bedded, cross-bedded, mostly medium to coarse-grained orthoquartzite (Prj) (Jacob Quartzite).
Prs	Laminated grey siltstone, mudstone and dolomite (Prs) (Fry Siltstone).
Prd	Well-bedded, cross bedded, mostly fine-grained orthoquartzite and subordinate siltstone (Prd) (Detention Subgroup).
Prv	Interbedded, black, dark grey and green, commonly pyritic, laminated siltstone and mudstone, with rare sandstone and mud pebble conglomerate (Prv) (Cowrie Siltstone).
IGNEOUS ROCKS	
Tb	Basalt (Tb); aakali olivine basalt indicated (Tbas).
Prnd	Dolerite dykes (Prnd).

BOUNDARY TYPES	
—	Geological boundary - position approximate.
- - - - -	Geological boundary - inferred.
- · - · - · -	Geological boundary - inferred from airborne magnetic and/or radiometric data.
- · - · - · -	Geological boundary - unspecified type, inferred from airborne magnetic data.
- · - · - · -	Lineament visible in airborne radiometric data.
- · - · - · -	Lineament visible in airborne radiometric data.
- - - - -	Fault - position approximate.
- - - - -	Fault - inferred.
- - - - -	Fault - inferred, downthrown side indicated.
- - - - -	Strike-slip fault - position approximate, showing relative lateral displacement.
- - - - -	Strike-slip fault - inferred, showing relative lateral displacement.
- - - - -	Inferred axial surface trace of major orofold.
- - - - -	Inferred axial surface trace of major orofold.
- - - - -	Limit of mapping.
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit.

— / —	Strike and dip of bedding, facing known - right way up; overturned, facing unknown.
— / —	Strike of vertical bedding - facing indicated by single tick.
— / —	Strike and dip of cleavage, type and relative age unspecified - dipping vertical.
— / —	Trend and plunge of minor fold hinge line, unspecified relative age - with dip and dip direction of axial surface.
— / —	Strike of outcrop-scale fault of unspecified relative age, downthrown side indicated.
— / —	Strike of vertical outcrop-scale fault of unspecified relative age, type unspecified.
— / —	Notable small outcrop with rock unit indicated.
— / —	Field station for adjacent readings on the map.
— / —	Mineral deposit location - hardrock.
— / —	Mineral deposit location - alluvial/tailings.
— / —	Construction material/industrial mineral/gemstone location.

Compiled by D.B. Seymour, B.Sc.(Hons), Ph.D., 1968 from the following sources (see Responsibility Diagram).

A LENNOX, P.G., CORBETT, K.D., BALLE, P.W., CORBETT, E.B. and BROWN, A.V. 1962. Geological Atlas 1:50,000 Series, Sheet 816B, Smithton. Tasmania Department of Mines.

B GEE, R.D. 1966. Geological Atlas 1 Mile Series, Sheet 8016S, Tarkenton. Tasmania Department of Mines.

C EVERARD, J.L., SEYMOUR, D.B., BROWN, A.V. and CALVER, C.R. 1966. Geological Atlas 1:50,000 Series, Sheet 27 (7915N), Trouton. Mineral Resources Tasmania.

D GEE, R.D., GILLINE, A.B. and BRAVO, A.P. 1967. Geological Atlas 1 Mile Series, Sheet 28 (801N) Burnie. Tasmania Department of Mines.

Updated by:

E Seymour, D.B. 2002. Modifications and alterations based on interpretation of airborne magnetic and radiometric data collected under the Western Tasmania Regional Minerals Program 2001, with limited ground verifications.

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Website: www.mrt.tas.gov.au
GD94 - MGA Zone 55. Contour Interval: 20 metres.

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