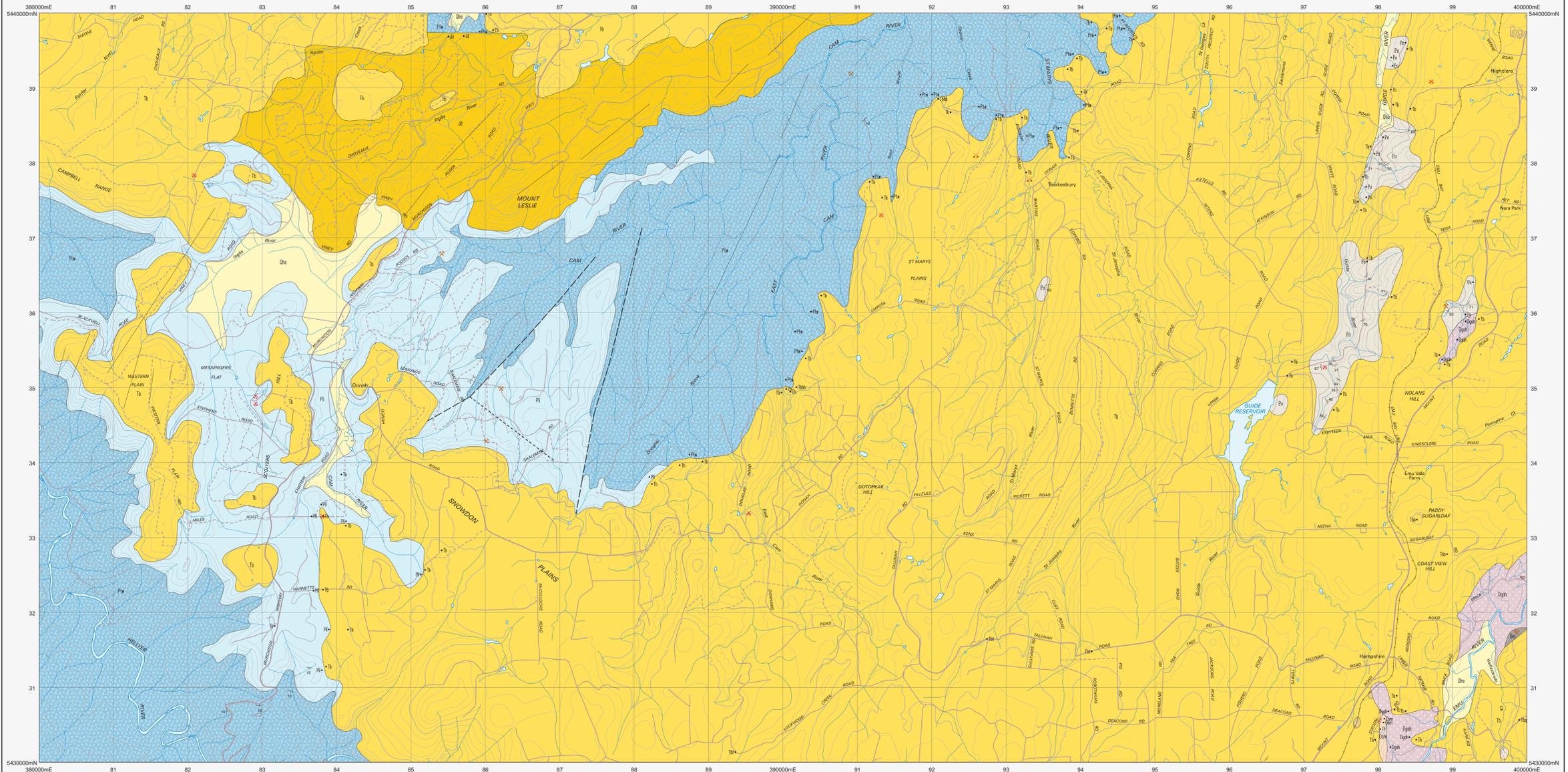


# TEWKESBURY

Scale: 1:25 000



<b>GENEOZOIC</b>	<b>QUATERNARY</b>	Qha	Stream alluvium, swamp and marsh deposits (Qha).
<b>PALEOGENE</b>	<b>NEOGENE</b>	Tb	Basalt (Tb), with quartz tholeiite (Tba), olivine tholeiite (Tb) and basanite (Tbb) indicated. Basal hydroclastic breccia (Tbb) indicated. Ferricrete (Tf).
		Ts	Sand and gravel deposits (Ts).
		Unconformity	Unconformity, usually low angle.
<b>PALEOZOIC</b>	<b>CARBONIFEROUS PERMIAN</b>	Pli	Grey poorly bedded siltstone, mudstone and fine-grained sandstone, with anticlinal beds of red shale near basin, and marine fossils toward top (Pli) (Engis Siltstone).
		Ptw	Tilted, rhythmic claystone and siltstone with drapstones (Ptw) (Wynyard Tilt).
		Angular unconformity	Angular unconformity.
	<b>ORDOVICIAN</b>	Oi	Limestone and impure limestone (Oi).
		Oam	Tough grey poorly sorted fine-grained sandstone (Oam) (possible correlate of Mona Sandstone).
		Inferred unconformity	Inferred unconformity.
<b>MEGACRYSTALINE-NEOPROTEROZOIC</b>		Pv	Quartzite turbidite sequence of sandstone, siltstone and well-bedded block siltstone (Pv) (Burns Formation).

<b>INTRUSIVE ROCKS</b>	Id	Dolerite (Id).
	Dgn	Dominantly medium- to coarse-grained equigranular biotite +/- hornblende dike/granite/syenogranite/monzogranite, with minor porphyritic and fine-grained variants (Neotroch granite, -type).
<b>ALTERATION</b>	Dm	Magnetic skarn (Dm).
	Geological boundary	Geological boundary - position accurate or approximate.
	Fault	Fault - position accurate or approximate.
	Fault	Fault - inferred.
	Aeromagnetic isobeam	Aeromagnetic isobeam.

- Strike and dip of bedding, facing known - right way up, facing unknown.
- Strike and dip of cleavage of unspecified type and relative age.
- Generated paleocurrent direction, polarity unspecified.
- Notable small outcrop with rock unit indicated.
- Mineral deposit location - hardrock.
- Mineral deposit location - alluvial/tailings. Date derived from Mineral Resources Tasmania DEPOSITS database. Date point position has not been verified in every case.
- Construction material/industrial mineral/gemstone location.

Compiled by J.L. Everard, B.Sc.(Hons), 2003 from the following sources (see responsibility diagram):  
 A GEE, R.D., GULLINE, A.B. & BRAVO, A.P. 1967. Geological Atlas 1:63 000 Series Sheet 26 (8015N), Burnie, Tasmania. Department of Mines.  
 B J.L. Everard 2003. Limited ground traverses and geophysical interpretation.  
 C BAILLE, P.W., WILLIAMS, P.R., SEYMOUR, D.B., LENOX, P.G. & GREEN, G.R. 1986. Geological Atlas 1:50 000 Series, Sheet 36 (8015S), St. Valentines, Tasmania. Department of Mines.  
 D TAHERI, J. & GREEN, G.R. 1989. Mt Read Volcanics Project, Metastatic Mineral Deposit Map Series, Longgona, Tasmania. Department of Mines.  
 Updated by:  
 E M. Vacey 2004. As part of the Western Tasmania Regional Minerals Program.  
 F J.D. Cartlett 2004. As Part of the Western Tasmania Regional Minerals Program.

**REFERENCE THIS MAP AS:**  
 EVERARD, J.L. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3843, TeWKesbury, Mineral Resources Tasmania.  
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 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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