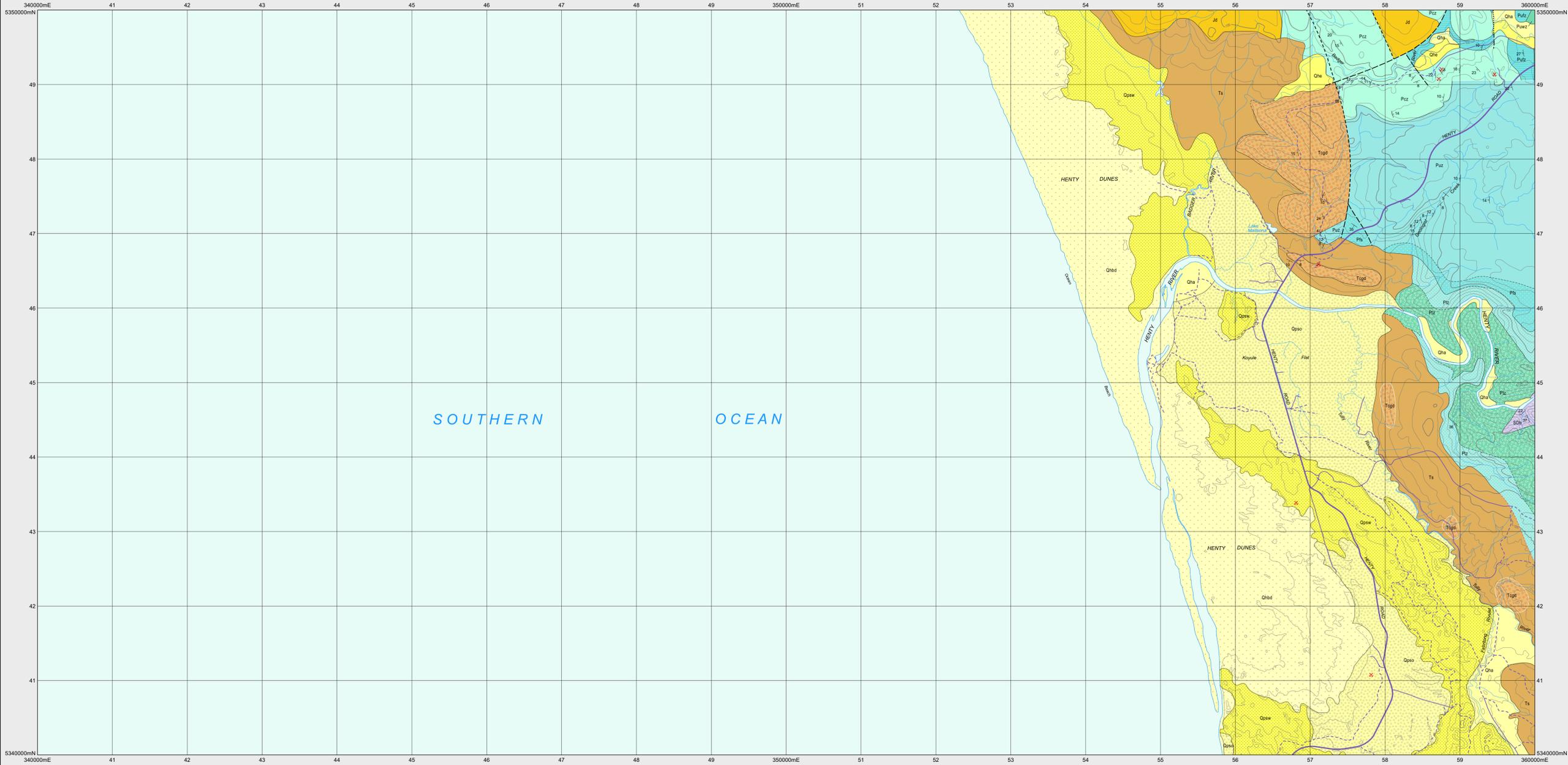


# MALLANNA

Scale 1:25 000



SOUTHERN OCEAN

CENOZOIC			
PALEOCENE-NEOGENE	<b>QUATERNARY</b>		
	<b>HOLOCENE</b>		
	Qha	Stream alluvium, swamp and marsh deposits (Qha).	
	Qhe	Eluvium (Qhe).	
	Qhb	Younger active dune, beach sand and gravel (Qhb).	
	PLEISTOCENE	Qps	Older aeolian sand and sand dunes (Qps).
		Qpw	Older aeolian sand dunes (Qpw).
	PERMIAN	Ts	Dominantly non-marine sequence of gravel, sand, silt, clay and regolith (Ts).
		Tgd	Poorly indurated siliceous pebble to cobble conglomerate horizons containing more than 5% dolerite clasts (Tgd).
		Pcz	Freshwater quartz sandstone with minor mudstone, coal partings and other carbonaceous material. Soft sediment structures common (correlate of Oryzine Coal Measures) (Pcz).
Puz		Siltstone, sandy siltstone and sandstone with dropstones. Occasional fossil horizons (Upper Glacio-Marine Sequence) (Puz). Dark grey, poorly sorted, often bioturbated but essentially unfossiliferous siltstone and minor sandstone (Puz).	
Pwz		Poorly sorted, fossiliferous pebbly conglomeratic sandstone (Pwz).	
Pts		Dominantly well sorted quartz sandstone, usually cross-bedded and commonly with interbedded and interminated carbonaceous shale, lesser conglomerate and rare coal (Pts).	
Plz	Black pyritic mudstone overlain by fossiliferous mudstone, dropstones present (Plz).		
Pz	Tillite and associated glaciogenic rocks (correlate of Wynyard Tillite) (Pz).		

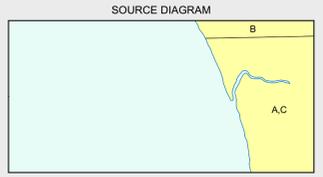
MESOZOIC		
SILURIAN-DEVONIAN	Sdb	Gray or greenish grey interbedded laminated mudstone, siltstone and minor fine-grained quartz sandstone (Bell Shale and correlatives) (Sdb).
JURASSIC	Jd	Dolerite (Jd).

CONTACTS	
—	Geological contact.
- - - - -	Geological contact - inferred.
- · - · - · -	Geological contact - inferred from magnetic data.
- - - - -	Limit of mapping of sub-unit within undifferentiated rock unit.
- - - - -	Limit of detailed mapping.

FAULTS	
- - - - -	Fault.
- · - · - · -	Fault - inferred.
· · · · ·	Fault - concealed.

↘	Strike and dip of bedding, facing known - right way up.
↙	Strike and dip of bedding, facing unknown.
↗	Strike and dip of cleavage of unspecified type and relative age.
↖	Generalised paleocurrent direction.
✕	Construction material/industrial mineral/gemstone location.



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. BAILLIE, P.W., CORBETT, K. D., COX, S. F., CORBETT, E. B., BRAVO, A. P., GEE, R. D., GULLINE, A. B., LEDGER, P. J., PINE, G. P., TURNER, N. J., WILLIAMS, P. R., MCELLENAGHAN, M. P., BROWN, A. V. 1977. Geological Atlas 1:50 000 Series. Sheet 57 (7913A). Strahan, Department of Mines, Tasmania.

B. BROWN, A.V., FINLAY, R.H., GOSCOMBE, B.D., MCELLENAGHAN, M.P. and SEYMOUR, D.B., 1994. Zeehan, Geological Atlas 1:50 000 Series sheet 50 (7914S). Tasmania Department of Mines.

C. VICARY, M.J. 2005. Additional map compilation and review of existing maps in western Tasmania. Tasmanian Geological Survey Record 2005/05, Mineral Resources Tasmania.

**REFERENCE THIS MAP AS:**  
VICARY, M.J. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3434 Mallanna. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.  
Map produced by Spatial Information Services, Mineral Resources Tasmania.  
Website: www.mrt.tas.gov.au  
GDA94 - 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 from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data. Crown copyright reserved.

