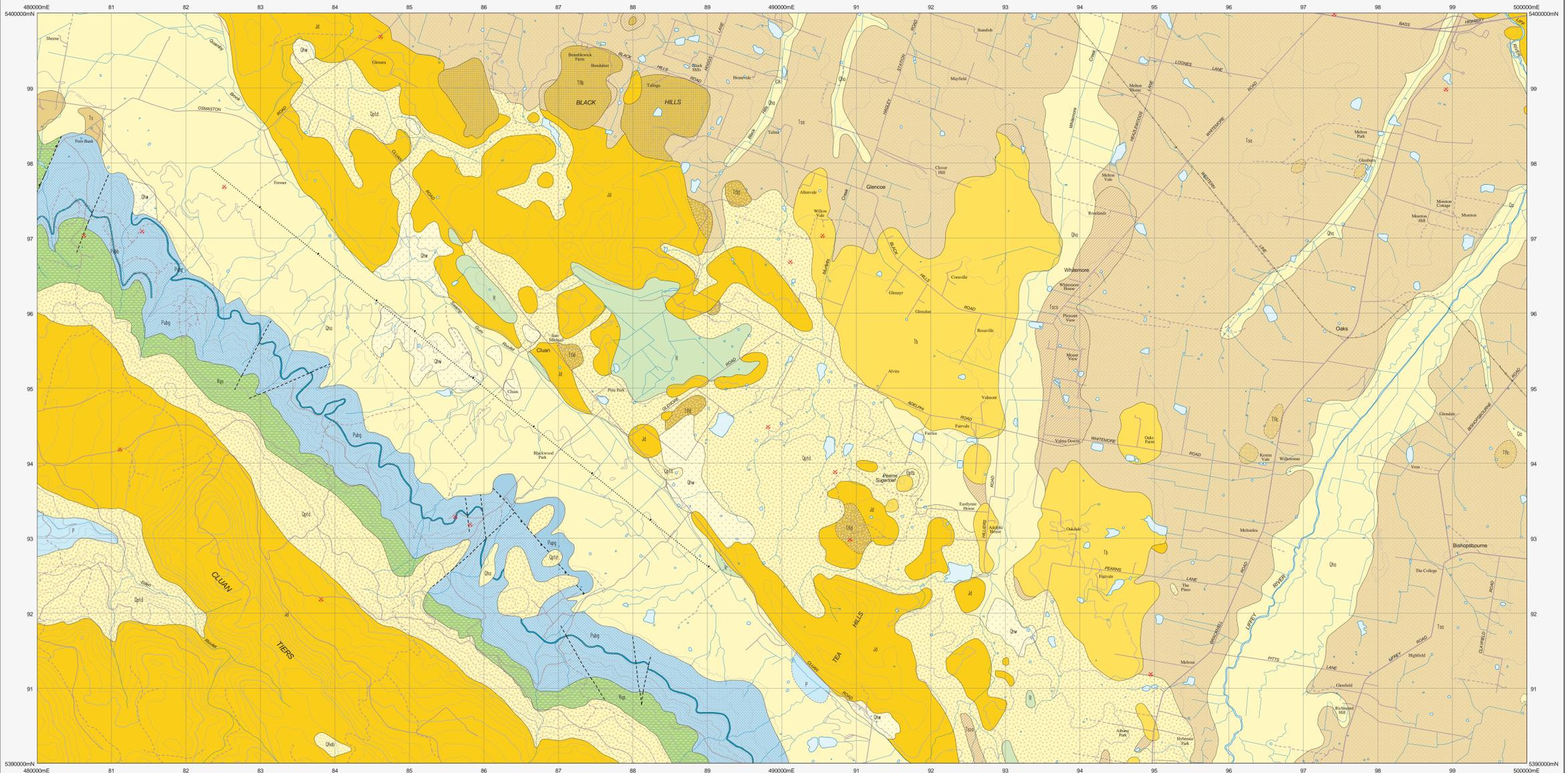


# CLUAN

Scale: 1:25 000



CENOZOIC	QUATERNARY	
	HOLOCENE	PLEISTOCENE
	Oa	Aluvial gravel and clay (Oa). Stream alluvium, swamp and marsh deposits (Oa).
	Oab	Swamp and marsh deposits (Oab).
	Oha	Windblown and locally derived sand (Oha).
	Opa	Basalt tuffs (Opa).
	Opi	Tuffs consisting dominantly of dolerite boulders (Opi).
	Tia	Laterite derived from Tertiary Basalt (Tia).
	Tib	Laterite derived from Jurassic dolerite (Tib).
	Ts	Undifferentiated Tertiary sediments; dominantly non-marine sequences of quartz sand, silt, clay, and regolith (Ts).
	Tb	Basalt (Tb).
	Tic	Clay with iron oxide pisoliths (Tic).
	Tac	Inter- and sub-basalt gravels of predominantly quartzite pebbles (Tac).
	Tad	Fluently consolidated clay, silt and clayey table sand with fine gravel and lignite; some iron oxide-stained layers and concretions; some leaf fossils (Tad).
	Tae	

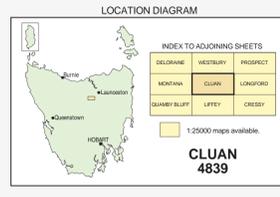
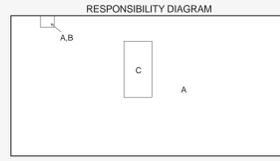
MESOZOIC	TRIASIC	
	R	P
	R	Undifferentiated Upper Permian Supergroup rocks (R).
	R	Cross-bedded quartz sandstone, feldspathic sandstone and shale (Rq).
	R	1 to 2m thick resistant unit of siliceous granite to pebble conglomerate (Blackwood Conglomerate) (Rab).
	R	Unfossiliferous pebbly siltstone, siltstone and sandstone (Bogon Gap Group) (Rabg).
	R	1 to 5m thick resistant unit of unfossiliferous pebbly sandstone and conglomerate (Pomeroy Sandstone) (Rabp).
	P	Sandstone, mudstone and pebbly mudstone with marine fossils (Pootina Group) (Pabp).

MESOZOIC	JURASSIC	
	Jd	Dolerite and related rocks (Jd).

- Geological boundary - position accurate or approximate.
- Geological boundary - inferred.
- Fault (unspecified) - inferred.
- Normal fault (downthrown side indicated) - inferred.
- Normal fault (downthrown side indicated) - concealed.
- Lineament visible in airborne magnetic data.
- Limit of mapping of sub-unit within undifferentiated rock unit ('Colour boundary').

✕ Construction materials location - Data derived from Mineral Resources Tasmania DEPOSIT data base. Data point position has not been verified in every case.

Compiled by M.J. Vicary, 2004 as part of the Western Tasmania Regional Minerals Program, from the following sources (See Responsibility Diagram):  
A BARTON, C.M., BRADY, A.P., GILLINE, A.B., LONGMAN, M.J., MARSHALL, B., MATTHEWS, W.L., MOORE, W.R., NAVULU, L.H. and PIKE, G.P., 1989. Geological Atlas 1:25 000 scale, Sheet 48 (3444) County Tasmania Department of Mines.  
B Air photograph and WTRMP geophysical data interpretation by M. Vicary.  
C MATTHEWS, W.L., 1982. Geology and groundwater of the Longford Tertiary basin. Bul. Geol. Surv. Tasn. 59.



REFERENCE THIS MAP AS:  
VICARY, M. (Compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4839 Cluan. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.  
Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.  
GDAS4 - 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.