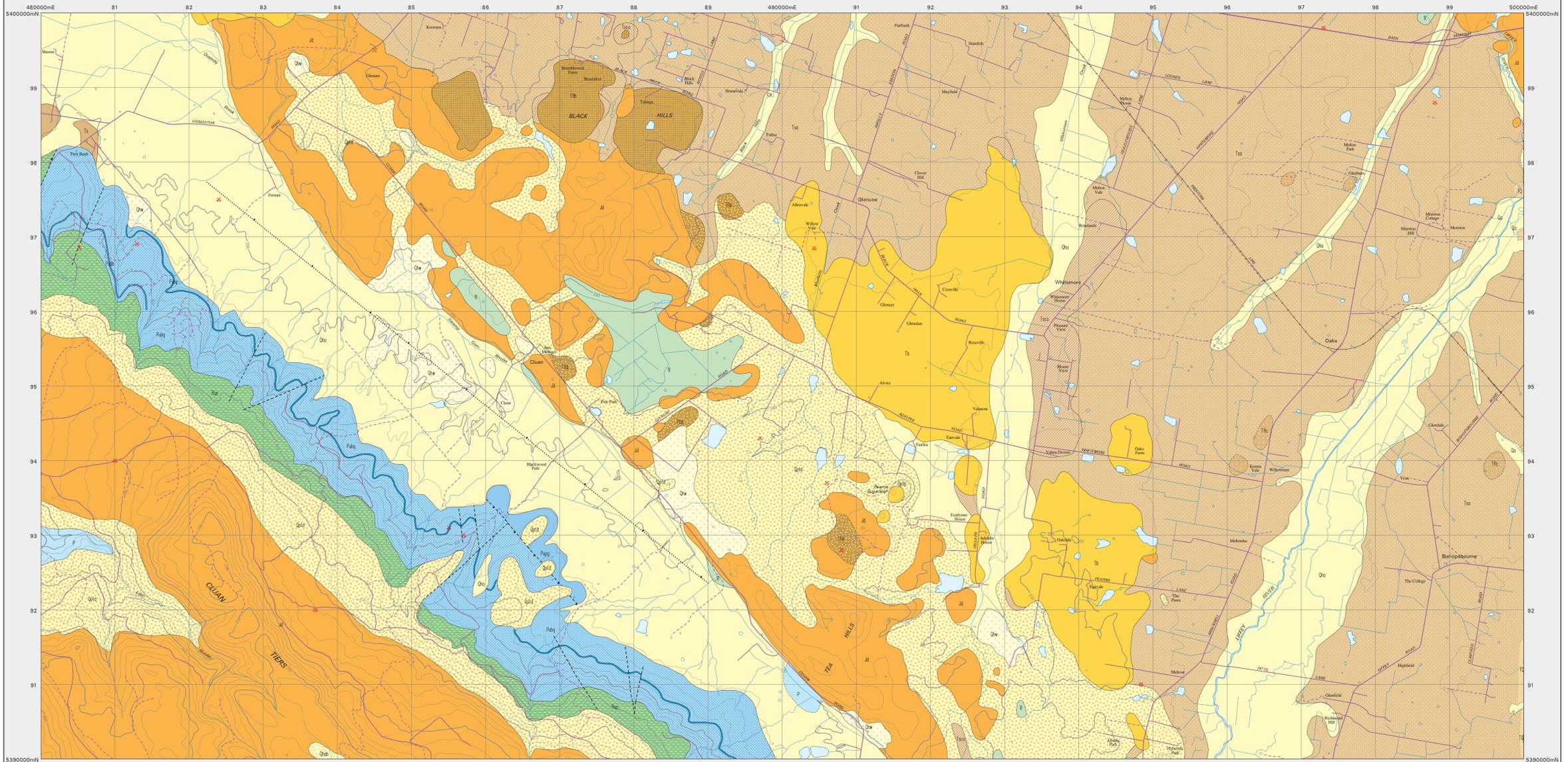


CLUAN

Scale: 1:25 000



CENOZOIC	TERTIARY	QUATERNARY	
		PLEISTOCENE	HolocENE
		Qha	Stream alluvium, swamp and marsh deposits (Qha).
		Qhb	Swamp and marsh deposits (Qhb).
		Qhw	Windblown and locally derived sand (Qhw).
		Qta	Basalt tala (Qta).
		Qtd	Talus consisting dominantly of dolerite boulders (Qtd).
		Ttb	Laterite derived from Tertiary Basalt (Ttb).
		Ttd	Laterite derived from Jurassic dolerite (Ttd).
		Ts	Undifferentiated Tertiary sediments; dominantly non-argillaceous sequences of quartz sand, silt, clay, and pebbles (Ts).
		Tb	Basalt (Tb).
		Tfc	Clay with iron oxide pisoliths (Tfc).
		Tsc	Inter- and sub-basalt gravels of predominantly quartzite pebbles (Tsc).
		Tsa	Poorly consolidated clay, silt and clayey light sand with rare gravel and lignite some iron oxide-cemented layers and concretions; some leaf fossils (Tsa).

MESOZOIC	PERMIAN	TRASSIC	
		UPPER	LOWER
		R	Undifferentiated Upper Permian Supergroup rocks (R).
		Pa	Cross-bedded quartz sandstone, feldspathic sandstone and shale (Pa).
		Pubq	1 to 2m thick resistant unit of siliceous granite to pebble conglomerate (Blackwood Conglomerate) (Pubq).
		Puq	(In)fauniferous pebbly siltstone, siltstone and sandstone (Ogden Gap Group) (Puq).
		Pupg	1 to 5m thick resistant unit of unfossiliferous pebbly sandstone and conglomerate (Palmer Sandstone) (Pupg).
		Pp	Sandstone, mudstone and pebbly mudstone with marine fossils (Pootina Group) (Pp).

MESOZOIC	JURASSIC	Jd	Dolerite and related rocks (Jd).
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- 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').

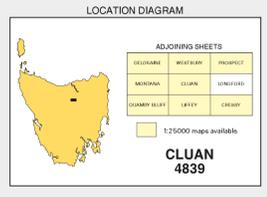
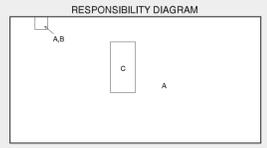
- Mineral deposit location - hardrock
 - Mineral deposit location - alluvial
 - Construction materials location
- Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.
- Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

Compiled by M.J. Vicary, 2004 as part of the Western Tasmanian Regional Minerals Program. From the following sources (See Responsibility Diagram):

A. BARTON, C.M., BRAVO, A.P., GULLINE, A.B., LONGMAN, M.J., MARSHALL, B., MATHEWS, W.L., MOORE, W.R., RAYNS, L.H. and FINE, G.P., 1988. Geological atlas 1:100 000 series, Sheet 48 (821-84) Cluan-Tasmania. Department of Mines.

B. Air photograph and WTRMP geophysical data interpretation by M Vicary.

C. MATHEWS, W.L., 1983. Geology and groundwater of the Longford Tertiary basin, Bulliwin-Sun-Tern, SA.



Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.
ADD64 - AMG Zone 55. Contour Interval: 20 metres.

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ADJOINING SHEETS			
4838	4839	4840	4841
4835	4836	4837	4838

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