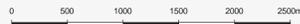


TAM O'SHANTER EAST

Scale: 1:25 000



COMPOSITE LEGEND FOR TAM O'SHANTER EAST AND TAM O'SHANTER WEST

CENOZOIC		PALEOZOIC		METAMORPHIC SUPERGROUP	
CENOZOIC	QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).	SDpl	Dominantly thin-bedded siltstone, with interbedded fine-grained quartz-rich sandstone increasing towards top. Contains late stylon (Lullworth) graptolites (Lullworth Sandstone) (SDpl).
	HOLOCENE	Qhd	Dune sand (Qhd).	SDbr	Interbedded turbiditic medium- to very fine-grained quartz-rich sandstone and subordinate siltstone-mudstone (Fletcher Formation) (SDbr).
		Qhb	Beach sand (Qhb).	OHt	Dominantly dark grey phyllic slate, with minor thin beds of quartz-rich siltstone. Contains Ordovician graptolites (Turquoise Bull Slate) (OHt).
		Qhw	Windblown sand (Qhw).	OHl	Interbedded phyllic slate and foliated very fine-grained quartz-rich sandstone (Industry Road Member) (OHl).
		Qhs	Basalt derived lag deposit (Qhs).	OHs	Thick bedded, turbiditic, graded fine- to very fine-grained quartz-rich sandstone with stony penetrative cleavage and minor interbedded silty pelite (Stony Head Sandstone) (OHs).
	PLEISTOCENE	Qp1b	Basalt talus (Qp1b).	Tb	Basalt (Tb); quartz tholeiite (Tbq) and olivine tholeiite (Tbt) indicated.
		Qpam	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpam).		
	PALEOGENE-NEOGENE	T0gp	Angular gravel mainly vein quartz (T0gp).		
		Tb	Basalt (Tb).		
		T1gr	Rounded gravel, mainly vein quartz (T1gr).		
T1gp		Grey-billy and siltstone (T1gp).			
		U	Unconformity		

PALEOZOIC		METAMORPHIC SUPERGROUP	
SILURIAN	LULLWORTH	TRIPLODITE	CONYVALE
ORDOVICIAN			

- Strike and dip of bedding - right way up; overturned; facing unknown.
- Strike and dip of penetrative cleavage; crenulation cleavage.
- Trend and plunge of bedding/primary cleavage intersection lineation (L).
- Trend and plunge of lineation L2 formed by intersection of cleavages or foliations of relative local ages S1 and S2.
- Trend and plunge of minor fold hinge line, unspecified relative age; synform.
- Trend and plunge of hinge line of minor antiform, unspecified relative age; synform.
- Trend and plunge of minor fold hinge line, relative local age F1, with dip and dip direction of axial surface, vergence indicated.
- Trend and plunge of hinge line of minor antiform, relative local age F1, with dip and dip direction of axial surface, synform.
- Notable small outcrop with rock unit indicated.
- Field station for adjacent readings on the map.
- Data derived from Mineral Resources Tasmania, GPS/GPS data base. Data point position has not been verified in every case.

Compiled by M.P. McLennaghan, B.Sc.(Hons), Ph.D., 2005 from the following sources (see responsibility diagram):

A. JENNINGS, D.J. 1967. Geological atlas 1:50 000 series, sheet 23 (8514E). Noland Bay, Tasmania. Department of Mines.

B. MURPHY, B. BARTON, C.M. JENNINGS, G.J. MASON, I.H. 1965. Geological atlas 1:50 000 series, sheet 31 (8515N) Pipes River 1965. Tasmania. Department of Mines.

C. GEE, R.D., LEGG, P.J. 1971. Geological atlas 1:63 900 series, sheet 30 (8215N). Beaconsfield. Department of Mines, Tasmania.

Updated by:

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E. D.B. Seymour 2008-09. Structural re-mapping and stratigraphic revision as part of the TasExplore Project, Mineral Resources Tasmania.

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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.

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