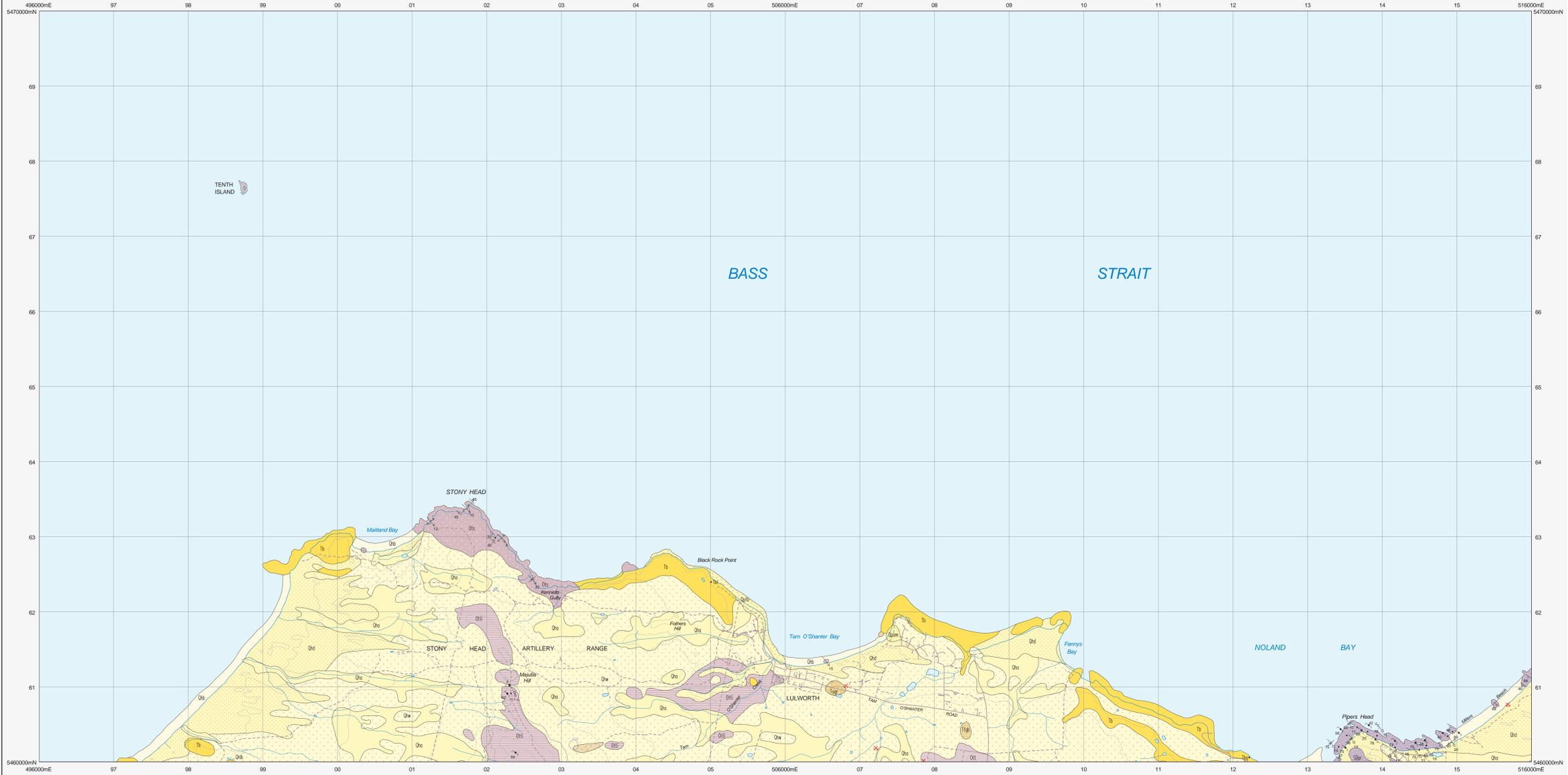


# TAM O'SHANTER WEST

Scale: 1:25 000



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

CENOZOIC		PALEOZOIC		METAMORPHIC SUPERGROUP		
QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).	SILURIAN	SDpl	Dominantly thin-bedded siltstone, with interbedded fine-grained quartz-rich sandstone increasing towards top. Contains late stylon (Lulworth) graptolites (Lulworth Silurian) (SDpl).	
	Qhd	Dune sand (Qhd).		SDor	Interbedded turbiditic medium- to very fine-grained quartz-rich sandstone and subordinate siltstone-mudstone (Fletcher Formation) (SDor).	
	Qhb	Beach sand (Qhb).		SDf	Inferred fault.	
	Qhw	Windblown sand (Qhw).	ORDOVICIAN	OIt	Dominantly dark grey phyllic slate, with minor thin beds of quartz-rich siltstone. Contains Ordovician graptolites (Turquoise Bluff Slate) (OIt).	
	Qhb	Basalt derived lag deposit (Qhb).		OIt	Interbedded phyllic slate and foliated very fine-grained quartz-rich sandstone (Industry Road Member) (OIt).	
	Qpb	Basalt talus (Qpb).		Ots	Thick bedded, turbiditic, graded fine- to very fine-grained quartz-rich sandstone with stony penetrative cleavage and minor interbedded silty pelite (Stony Head Sandstone) (Ots).	
	PALEOGENE-NEOGENE	Qpm	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpm).	PALEOGENE-NEOGENE	IGNEOUS ROCKS	
		TQa	Angular gravel mainly vein quartz (TQa).		Tb	Basalt (Tb); quartz tholeiite (Tbq) and olivine tholeiite (Tbt) indicated.
	PALEOGENE-NEOGENE	Tgr	Rounded gravel, mainly vein quartz (Tgr).		Geological boundary - position approximate.	
		Tfgp	Grey-billy and siltstone (Tfgp).		Unconformable boundary - position approximate.	
		Unconformity				

- 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.

Compiled by M.P. McClenaghan, 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).  
 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 (8210N). Beaconsfield. Department of Mines, Tasmania.  
 Updated by:  
 D. B. Seymour 2008-09. Stratigraphic revision as part of the TasExplore Project, Mineral Resources Tasmania.  
 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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 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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