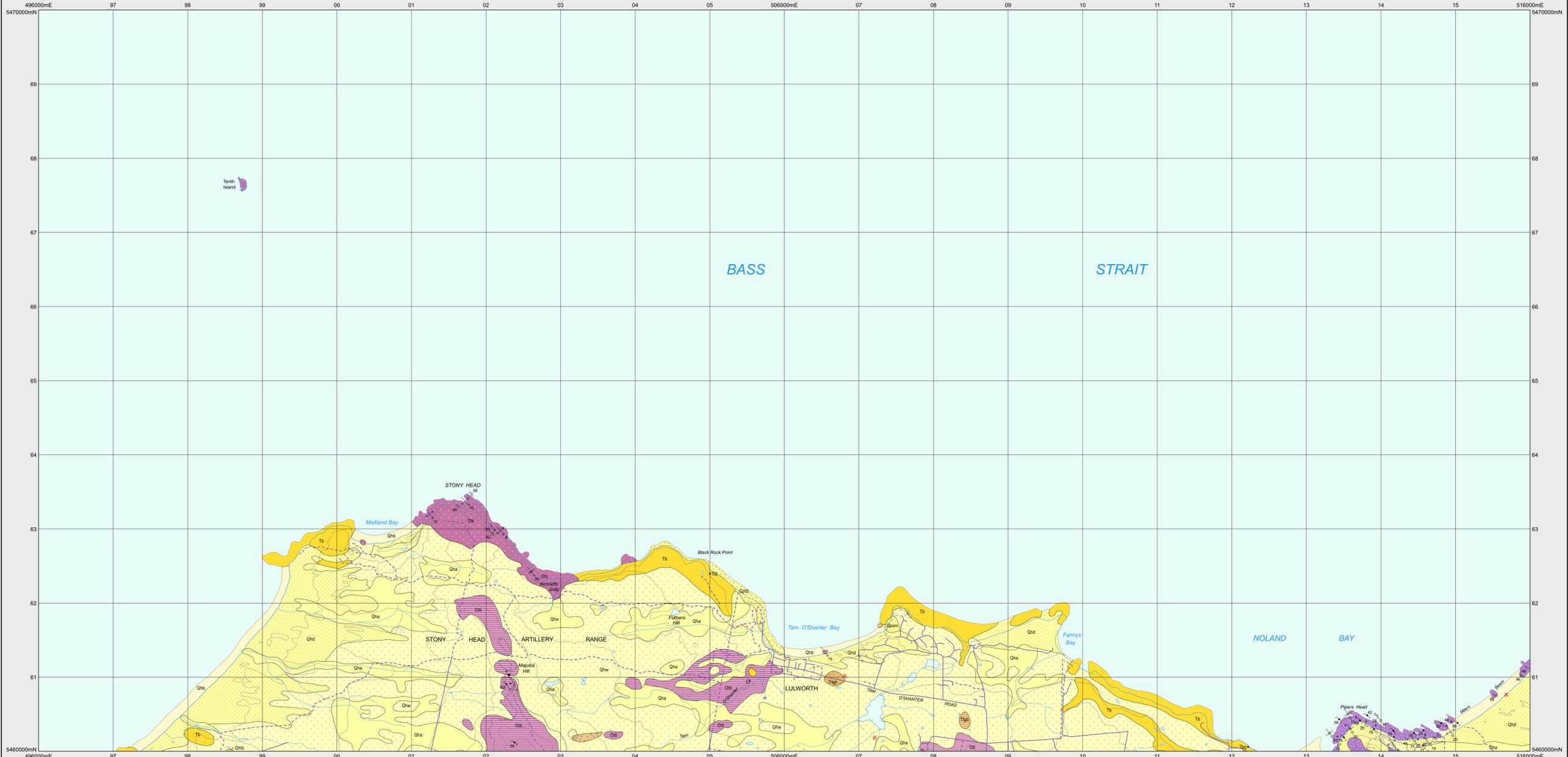


TAM O'SHANTER WEST

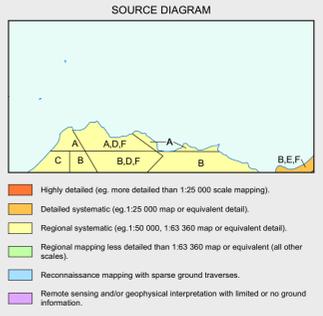


COMPOSITE LEGEND FOR TAM O'SHANTER EAST AND TAM O'SHANTER WEST

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">CEANOZOIC</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">QUATERNARY</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLOCENE</p> <ul style="list-style-type: none"> Qha Stream alluvium, swamp and marsh deposits (Qha). Qhd Dune sand (Qhd). Qhb Beach sand (Qhb). Qhw Windblown sand (Qhw). Qhb Basalt derived lag deposit (Qhb). Qhb Basalt talus (Qhb). <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PLEISTOCENE</p> <ul style="list-style-type: none"> Qpsm Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm). <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PALEOGENE - NEOGENE</p> <ul style="list-style-type: none"> TQga Angular gravel mainly vein quartz (TQga). Tb Basalt (Tb). Tgr Rounded gravel, mainly vein quartz (Tgr). Tgpb Grey-billy and silicite (Tgpb). <p>----- Unconformity.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">PALEOZOIC</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">SILURIAN</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">LUDLOW</p> <ul style="list-style-type: none"> SDpl Dominantly thin-bedded siltstone, with interbedded fine-grained quartz-rich sandstone increasing towards top. Contains late Silurian (Ludlow) graptolites (Lone Star Siltstone) (SDpl). SDpr Interbedded turbiditic medium- to very fine-grained quartz-rich sandstone and subordinate siltstone-mudstone. (Reneart Formation) (SDpr). <p style="writing-mode: vertical-rl; transform: rotate(180deg);">ORDOVICIAN</p> <ul style="list-style-type: none"> Oit Dominantly dark grey phyllitic slate, with minor thin beds of quartz-rich siltstone. Contains Ordovician graptolites (Turquoise Bluff Slate) (Oit). Oit Interbedded phyllitic slate and isolated very fine-grained quartz-rich sandstone (Industry Road Member) (Oit). Ois Thick bedded, turbiditic, graded fine- to very fine-grained quartz-rich sandstone with strong penetrative cleavage, and minor interbedded staly pelite (Stony Head Sandstone) (Ois). <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PALEOGENE - NEOGENE</p> <ul style="list-style-type: none"> Tb Basalt (Tb); quartz tholeiite (Tbq) and olivine tholeiite (Tbt) indicated. 	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">MANTANA SUPERGROUP</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PANAMA GROUP</p>
	<p style="text-align: center;">IGNEOUS ROCKS</p> <p>Tb Basalt (Tb); quartz tholeiite (Tbq) and olivine tholeiite (Tbt) indicated.</p>		

<p>--- Geological contact.</p> <p>--- Unconformable lithological contact.</p> <p>--- Limit of detailed mapping.</p>	<p>--- Inferred fault.</p>
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<p>↘ ↙ Strike and dip of bedding - right way up; overturned; facing unknown.</p> <p>↘ ↙ Strike and dip of penetrative cleavage; crenulation cleavage.</p> <p>↘ ↙ Trend and plunge of bedding/primary cleavage intersection lineation (L₁).</p> <p>↘ ↙ Trend and plunge of lineation L₂ formed by intersection of cleavages or foliations of relative local ages S₁ and S₂.</p> <p>↘ ↙ Trend and plunge of minor fold hinge line, unspecified relative age.</p> <p>↘ ↙ Trend and plunge of hinge line of minor antiform, unspecified relative age.</p> <p>↘ ↙ Trend and plunge of minor fold hinge line, relative local age F₁, with dip and dip direction of axial surface; vergence sinistral.</p> <p>↘ ↙ Trend and plunge of hinge line of minor antiform, relative local age F₁ system.</p>	<p>• Field station for adjacent readings on the map.</p> <p>• Notable small outcrop with rock unit indicated.</p> <p>✕ Construction material/industrial mineral/gemstone location.</p>
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Compiled by M.P. McLennaghan, B.Sc.(Hons), Ph.D., 2005 from the following sources (see source diagram):

A JENNINGS, D.J., 1967. Geological Atlas 1:50 000 Series. Sheet 23 (8516S), Noland Bay, Tasmania Department of Mines.

B MARSHALL, B., BARTON, C.M., JENNINGS, D.J., NAOVI, I.H., 1965. Geological Atlas 1:50 000 Series. Sheet 31 (8515N), Pipers River, Tasmanian Department of Mines.

C GEE, R.D., LEGGE, P.J., 1971. Geological Atlas 1:63 360 Series. Sheet 30 (8215N), Beaconsfield, Tasmanian Department of Mines.

Updated by:

D D.B. Seymour 2008-2009. Stratigraphic revision as part of the TasExplore Project, Mineral Resources Tasmania.

E D.B. Seymour 2008-2009. Structural re-mapping and stratigraphic revision as part of the TasExplore Project, Mineral Resources Tasmania.

F SEYMOUR, D.B.; WOOLWARD, R.; MCLENNAGHAN, M.P.; BOTTRILL, R.S., 2011. Stratigraphic revision and re-mapping of the Maltrona Supergroup between the River Tamar and the Scottsdale Batholith, northeast Tasmania. 1:25 000 Scale Digital Geological Map Series. Explanatory Report 4.

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Website: www.mrt.tas.gov.au
GDA94 - MGA Zone 55. Contour Interval: 20 metres.

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