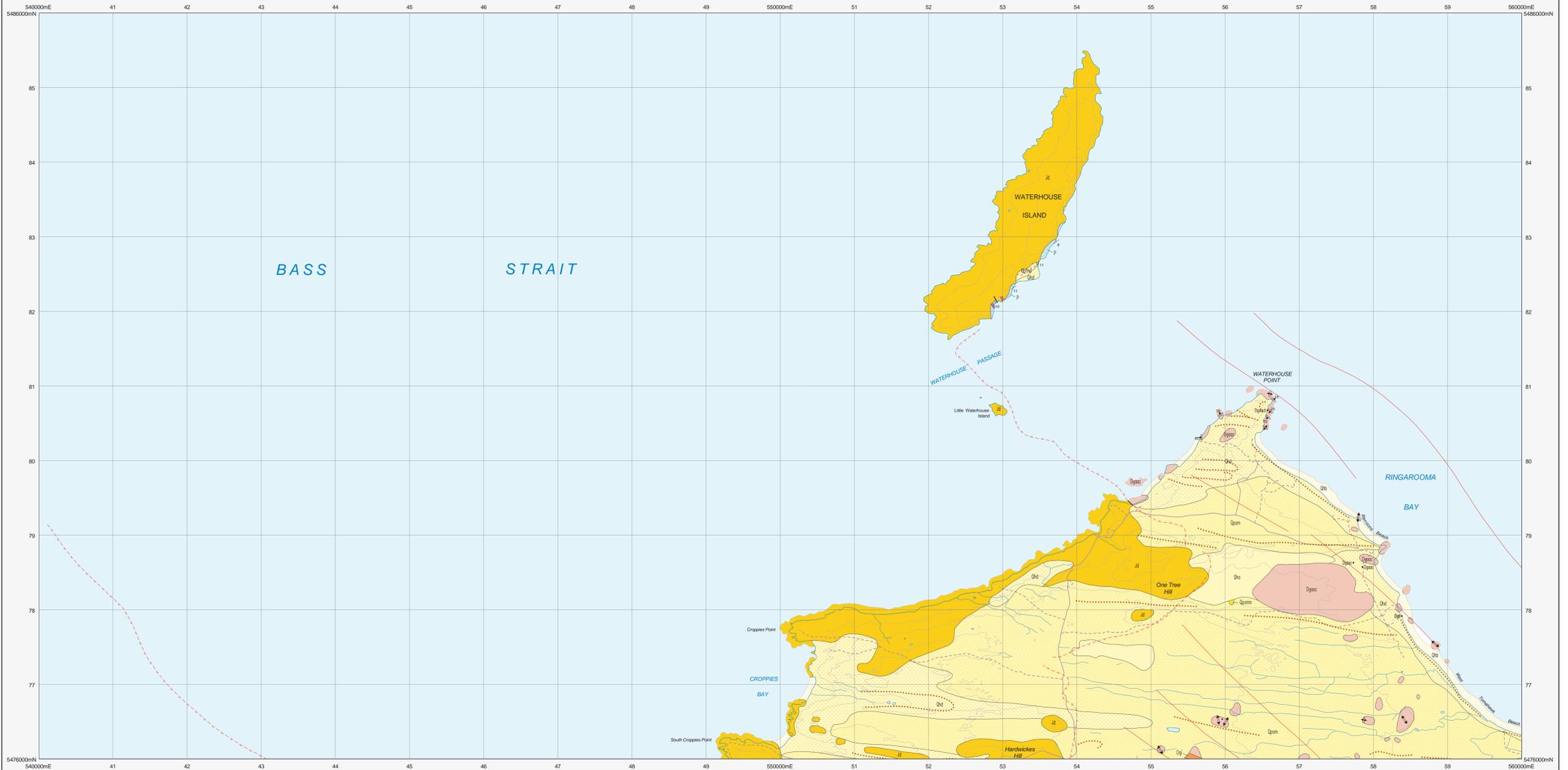


WATERHOUSE NORTH

Scale: 1:25 000



COMPOSITE LEGEND FOR WATERHOUSE NORTH AND WATERHOUSE SOUTH

CENOZOIC	QUATERNARY	
	<p>HOLOCENE</p> <p>Qha Stream alluvium, swamp and marsh deposits (Qha).</p> <p>Qhd Dune sand (Qhd).</p> <p>Qhb Beach sand (Qhb).</p> <p>PLEISTOCENE</p> <p>Qdth Dolerite talus (Qdth).</p> <p>Qpam Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpam). Non-marine moat within Qpam (Qpam).</p> <p>Tfqp Log and outcrop of silicified quartz sandstone and conglomerate (Tfqp).</p> <p>Low angle unconformity.</p> <p>PALEOZOIC</p> <p>SILURIAN/DEVONIAN</p> <p>P Undifferentiated Permian-Carboniferous sedimentary rocks (P). Sparsely fossiliferous marine sandstone and siltstone with drapstones (Pd).</p> <p>Angular unconformity.</p> <p>PALEOZOIC</p> <p>DEVONIAN</p> <p>+150pm Undifferentiated Papano Group rocks, contact metamorphosed by granitic intrusions (150pm).</p>	<p>QUATERNARY</p> <p>Qha Stream alluvium, swamp and marsh deposits (Qha).</p> <p>Qhd Dune sand (Qhd).</p> <p>Qhb Beach sand (Qhb).</p> <p>PLEISTOCENE</p> <p>Qdth Dolerite talus (Qdth).</p> <p>Qpam Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpam). Non-marine moat within Qpam (Qpam).</p> <p>Tfqp Log and outcrop of silicified quartz sandstone and conglomerate (Tfqp).</p> <p>Low angle unconformity.</p> <p>PALEOZOIC</p> <p>SILURIAN/DEVONIAN</p> <p>P Undifferentiated Permian-Carboniferous sedimentary rocks (P). Sparsely fossiliferous marine sandstone and siltstone with drapstones (Pd).</p> <p>Angular unconformity.</p> <p>PALEOZOIC</p> <p>DEVONIAN</p> <p>+150pm Undifferentiated Papano Group rocks, contact metamorphosed by granitic intrusions (150pm).</p>

IGNEOUS ROCKS	
MESOZOIC	CRETACEOUS <p>Ks Shoshonitic to latitic dykes (Ks).</p> <p>Jd Dolerite (Jd).</p> <p>MINOR GRANITIC INTRUSIONS</p> <p>Dgt Quartz, orthoclase, tourmaline pegmatite (Dgt), fine grained equigranular granite (Dg), spate (Dgs).</p> <p>BLUETIER BATHOLITH</p> <p>Dgac Coarse-grained porphyritic (K-feldspar) to equigranular biotite, minor muscovite monzonite (Dgac), variety with minor hornblende (Dgach).</p>

- Geological boundary - position accurate or approximate.
- Fault - position accurate or approximate, downthrown side indicated.
- Dune crests.
- Magnetic gradient or lineament (direction towards lower values indicated).
- Lineament visible in airborne magnetic data.
- Limit of mapping.
- Limit of mapping of sub-unit within undifferentiated rock unit.

- Strike and dip of bedding, facing known.
- Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granite rock, vertical.
- Trend of preferred orientation of K-feldspar phenocrysts in granite rock.
- Strike and dip of cleavage of unspecified type and relative age, vertical.
- Notable small outcrop with rock unit indicated.
- Field station of adjacent readings on map.
- Construction material/industrial mineral/gemstone location - Data derived from Mineral Resources Tasmania DEPOSITS database. Data point location 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 BAILLIE, P.W., TURNER, N.J., COX, S.F., JENNINGS, D.J. and SUTHERLAND, F.L. 1978. Geological Atlas 1:50 000 Series, Sheet 54 (110), Ringarooma, Tasmania Department of Mines.

Updated by:

B Geophysical Invasions derived from Mineral Resources Tasmania 2008 "Tullis" survey, and minor additional ground information added by J.L. Everard.

REFERENCE THIS MAP AS:

McLennaghan, M.P. 2006 (compiler), Digital Geological Atlas 1:25 000 Scale Series, Sheet 5447, Waterhouse, 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.



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