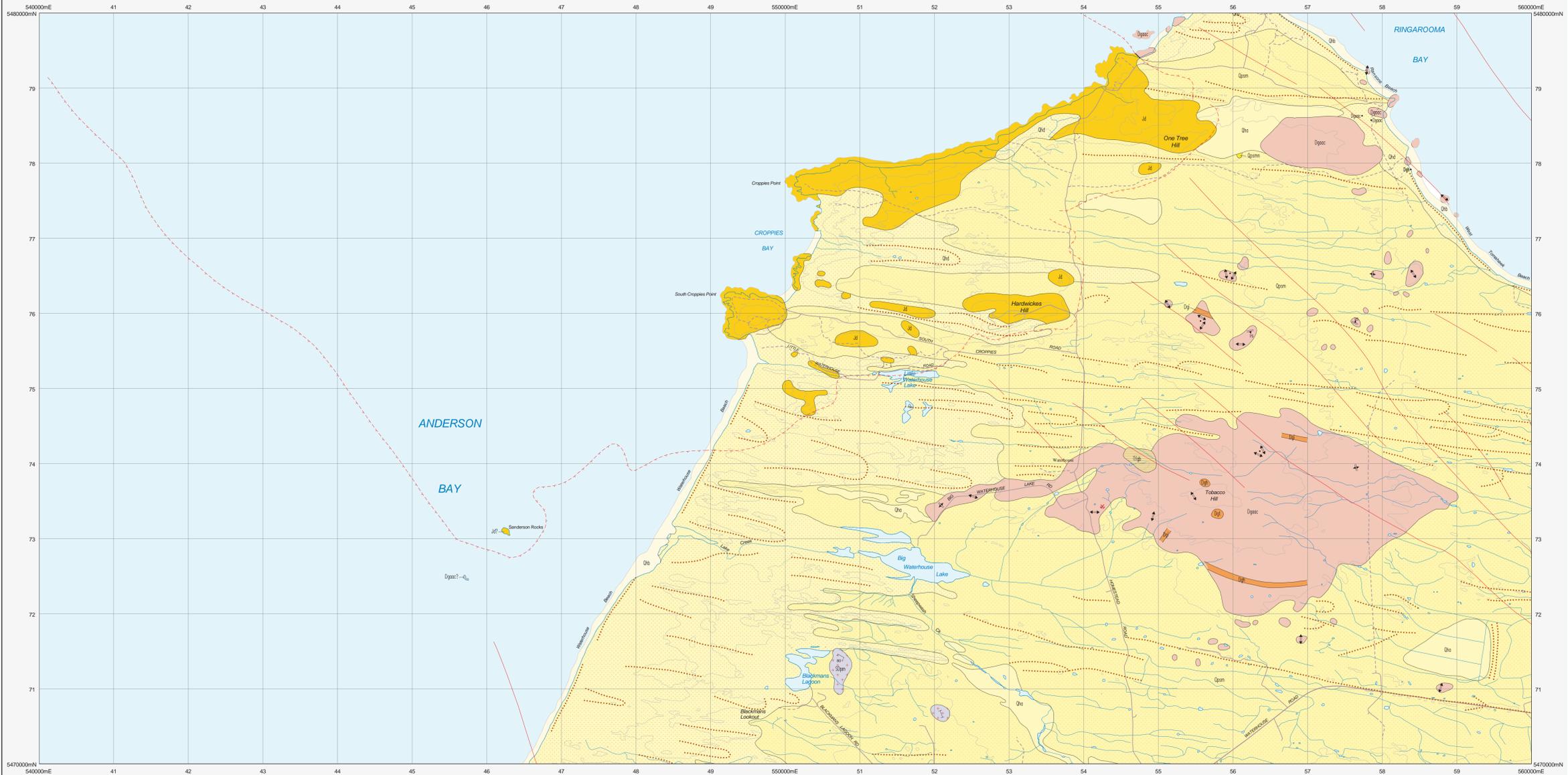


# WATERHOUSE SOUTH

Scale: 1:25 000



## COMPOSITE LEGEND FOR WATERHOUSE NORTH AND WATERHOUSE SOUTH

CENOZOIC	QUATERNARY	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qhd	Dune sand (Qhd).
	Qhs	Beach sand (Qhs).
PLEISTOCENE	Dol	Dolerite talus (Dol).
	Qpam	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpam). Non-marine moat within Qpam (Qpam).
	Tfgp	Lag and outcrop of silicified quartz sandstone and conglomerate (Tfgp).
~~~~~ Low angle unconformity.		
PALEOZOIC	P	Undifferentiated Permian-Carboniferous sedimentary rocks (P). Sparsely fossiliferous marine sandstone and siltstone with drapstones (Pd) (Pd - lower glaciomarine sequence).
	+150pm	Undifferentiated Palaeoproterozoic rocks, contact metamorphosed by granitic intrusions (150pm).

MESOZOIC	TRIASSIC	
	Ka	Shoshonitic to isotitic dykes (Ka).
	Jd	Dolerite (Jd).
DEVONIAN	Dgt	Quartz, orthoclase, tourmaline pegmatite (Dgt), fine grained equigranular granite (Dgt), spilitic (Dgt).
	Dgac	Coarse-grained porphyritic (K-feldspar) to equigranular biotite, minor muscovite megacrysts (Dgac); variety with minor hornblende (Dgach) (Dgac, Dgach - Palaeozoic Granite, I-type).

- 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 Inquiries derived from Mineral Resources Tasmania 2008 "Trailblazer" 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.  
GDASA - MGA Zone 55. Contour Interval: 20 metres.



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