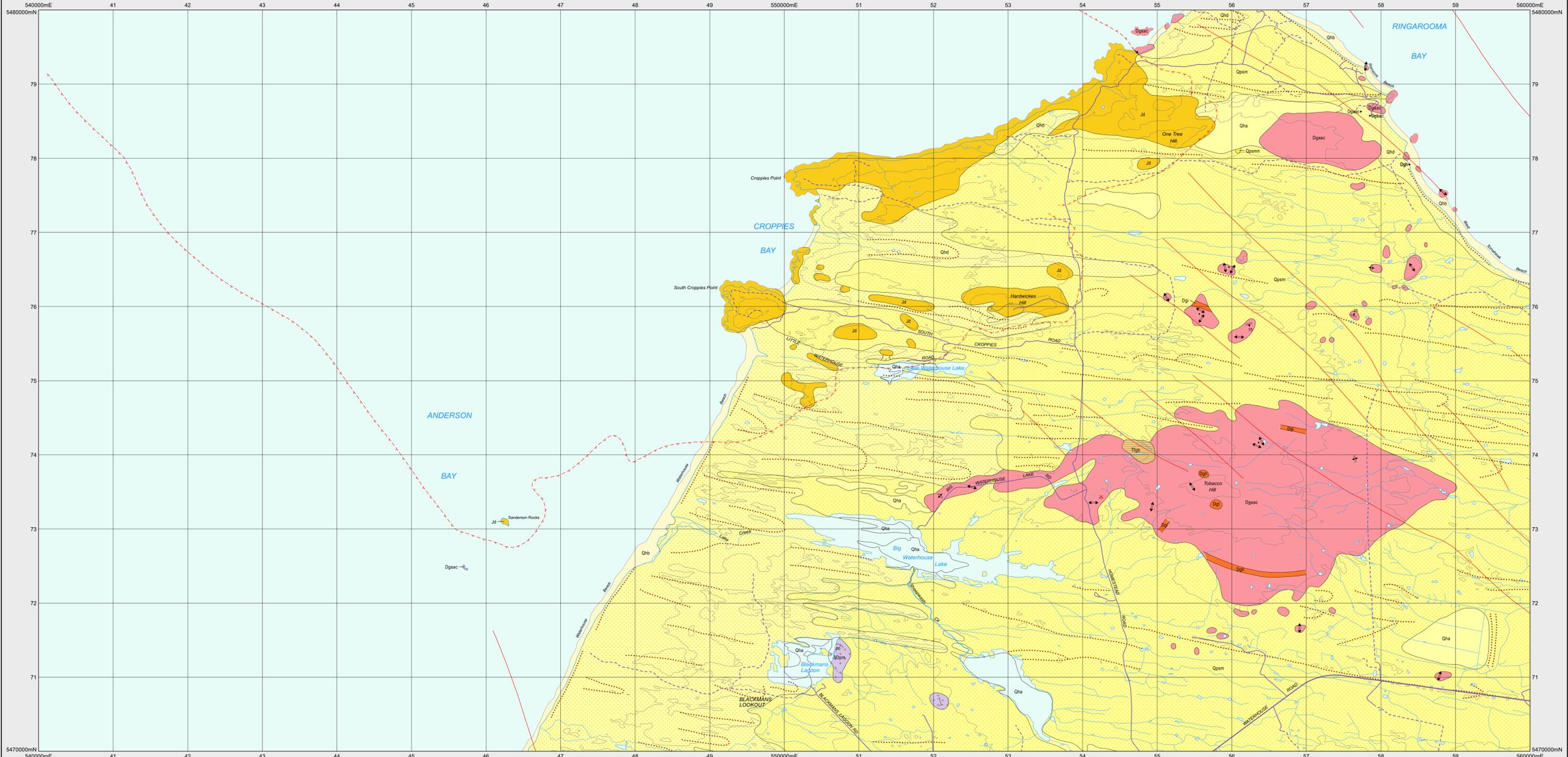


WATERHOUSE SOUTH

Scale 1:25 000



COMPOSITE LEGEND FOR WATERHOUSE NORTH AND WATERHOUSE SOUTH

CENOZOIC	
QUATERNARY	<ul style="list-style-type: none"> Qha Stream alluvium, swamp and marsh deposits (Qha). Qhd Dune sand (Qhd). Qhb Beach sand (Qhb).
PLEISTOCENE	<ul style="list-style-type: none"> Qphd Dolomite talus (Qphd).
PALEOCENE-NEOGENE	<ul style="list-style-type: none"> Qpsm Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm). Non-marine marl within Qpsm (Qpsm). Tfqb Lag and outcrop of silicified quartz sandstone and conglomerate (Tfqb).
----- Low angle unconformity.	
PERMIAN-TRIASSIC	<ul style="list-style-type: none"> P Undifferentiated Permian-Carboniferous sedimentary rocks (P). Sparsely fossiliferous marine sandstone and siltstone with dropstones (Pid) (Pid - lower glauconitic sequence).
----- Angular unconformity.	
DEVONIAN	<ul style="list-style-type: none"> SDpm Undifferentiated Panama Group rocks, contact metamorphosed by granitic intrusions (SDpm).

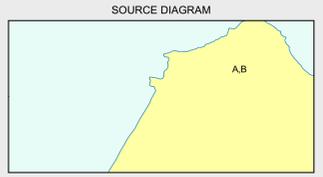
IGNEOUS ROCKS	
MESOZOIC	<ul style="list-style-type: none"> Ka Shoshonitic to latitic dykes (Ka). Jd Dolerite (Jd).
MINOR GRANITIC INTRUSIONS	
	<ul style="list-style-type: none"> Dgt Quartz, orthoclase, tourmaline pegmatite (Dgt), fine grained equigranular granite (Dgl), apfite (Dgh).
BLUE TIER BATHOLITH	
	<ul style="list-style-type: none"> Dgaac Coarse-grained porphyritic (K-feldspar) to equigranular biotite, minor muscovite monzogranite (Dgaac); variety with minor hornblende (Dgach). (Dgaac, Dgach - Poimene Granite, f-type).

CONTACTS	
—	Geological contact.
---	Limit of mapping of sub-unit within undifferentiated rock unit.
---	Limit of detailed mapping.

FAULTS	
---	Normal fault (downthrown side indicated).

LINEARS	
---	Dune crest.
---	Lineament - visible in magnetic data.
---	Magnetic gradient or lineament (direction towards lower values indicated).

↙ ↘	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.
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
✕	Construction materials/industrial mineral/gemstone location.



Compiled by M.P. McLennaghan, B.Sc.(Hons), Ph.D., 2005 from the following sources (see source 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 24 (84165), Boodyside, Tasmania Department of Mines.
Updated by:
B. Geophysical lineaments derived from Mineral Resources Tasmania 2008 'TasExplore' survey, and minor additional ground information added by J.L. Eversd.

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 Spatial Information Services, Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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LOCATION DIAGRAM

