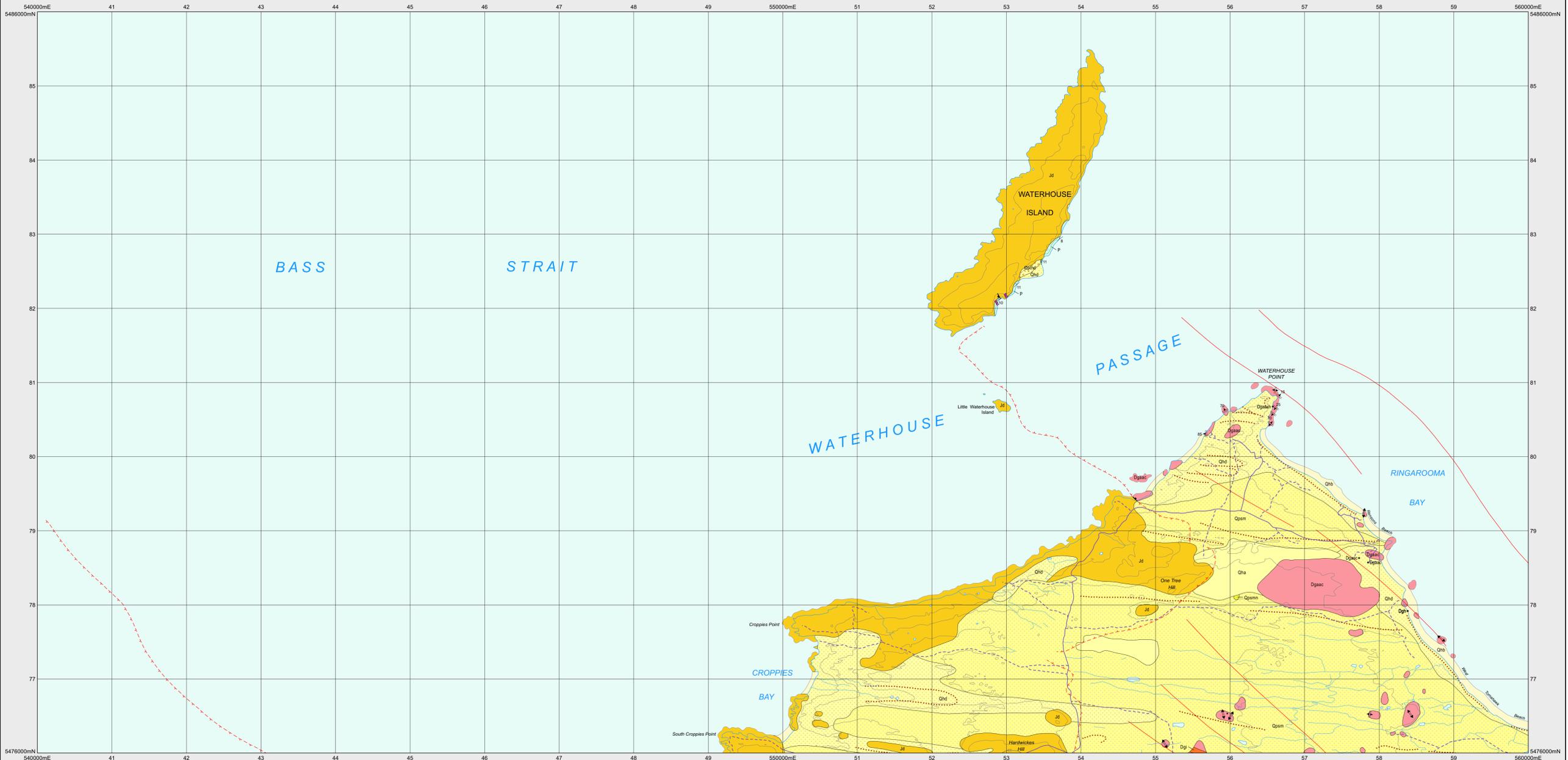


WATERHOUSE NORTH

Scale 1:25 000



COMPOSITE LEGEND FOR WATERHOUSE NORTH AND WATERHOUSE SOUTH

CENOZOIC	
QUATERNARY	<p>Holoocene</p> <ul style="list-style-type: none"> Qha Stream alluvium, swamp and marsh deposits (Qha). Qhd Dune sand (Qhd). Qhb Beach sand (Qhb). <p>Pleistocene</p> <ul style="list-style-type: none"> Qpht Dolerite talus (Qpht). Qpsm Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm). Non-marine marl within Qpsm (Qpsm). <p>Paleocene-Neogene</p> <ul style="list-style-type: none"> Tlgb Lag and outcrop of silicified quartz sandstone and conglomerate (Tlgb).
PERMIAN-TRIASSIC	<p>Low angle unconformity.</p> <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). <p>Angular unconformity.</p> <ul style="list-style-type: none"> SDpm Undifferentiated Panama Group rocks, contact metamorphosed by granitic intrusions (SDpm).

IGNEOUS ROCKS	
MESOZOIC	<p>JURA-CRETACEOUS</p> <ul style="list-style-type: none"> Kd Shoshonitic to latitic dykes (Kd). Jd Dolerite (Jd). <p>MINOR GRANITIC INTRUSIONS</p> <ul style="list-style-type: none"> Dgt Quartz, orthoclase, tourmaline pegmatite (Dgt), fine grained equigranular granite (Dgt), apfite (Dgfh). <p>BLUE TIER BATHOLITH</p> <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 - Poimena Granite, f-type).

CONTACTS	<ul style="list-style-type: none"> Geological contact. Limit of mapping of sub-unit within undifferentiated rock unit. Limit of detailed mapping.
FAULTS	<ul style="list-style-type: none"> Normal fault (downthrown side indicated).
LINEARS	<ul style="list-style-type: none"> Dune crest. Lineament - visible in magnetic data. Magnetic gradient or lineament (direction towards lower values indicated).

<ul style="list-style-type: none"> 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.
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SOURCE DIAGRAM



- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg. 1:25 000 map or equivalent detail).
- Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by M.P. McClenaghan, 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. 1976. Geological Atlas 1:50 000 Series, Sheet 24 (84165), Bootyalla, 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. Eward.

REFERENCE THIS MAP AS:

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

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



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LOCATION DIAGRAM

