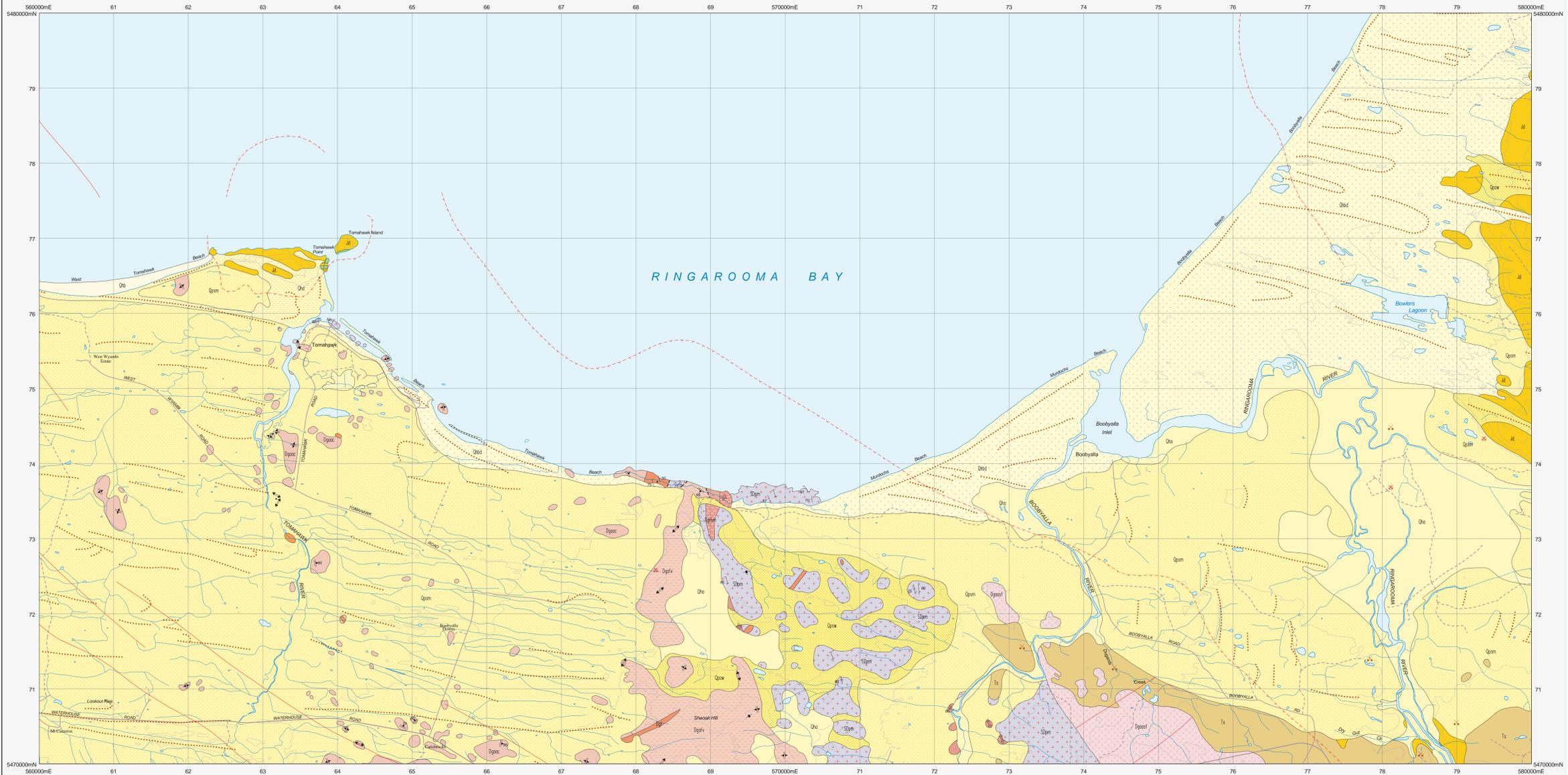
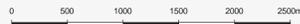


TOMAHAWK

Scale: 1:25 000



PERIOD	UNIT	DESCRIPTION	
CEANOZOIC	Quaternary	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Pleistocene	Qhd	Dune sand (Qhd).
		Qhd	Younger oceanic dune sand, beach sand and gravel (Qhd).
		Qhb	Beach sand (Qhb).
Pleistocene	Qpsm	Qpsw	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm); older oceanic sand and sand dunes (Qpsw).
	Ts	Sand, gravel and clay (Ts).	
Mesozoic	Triassic	Tqc	Fresh-water, cross-bedded quartz sandstone (Tqc); (Upper freshwater sequences) (Upper Portmanee Supergroup).
	Undifferentiated	SPgm	Undifferentiated Panama Group sandstone, siltstone and mudstone, primarily turbiditic in origin, metamorphosed by granitic intrusion (SPgm).

PERIOD	UNIT	DESCRIPTION	
Mesozoic	Jurassic	Jc	Diorite (Jc).
	Devonian	Dg	Fine-grained granite (Dg). Coarse-grained granite (Dgc).
Dgf		Quartz-feldspar porphyry (Dgf).	
Devonian	Dgpost	Fine-to coarse-grained porphyritic, garnet-bearing, biotite muscovite syenogranite/alkali feldspar granite (Dgpost) (Bobbyalla Granite; S-type).	
	Middle Devonian	Dgac	Coarse-grained porphyritic (K-feldspar) to equigranular, biotite, minor muscovite megacrystic (Dgac) (Palmerie Granite; I-type).
Dgfv		Medium-grained, equigranular, foliated biotite-variable muscovite alkali feldspar granite (Dgfv) (Shoal Hill Granite; S-type).	
Dgh		Dghm	Medium-to coarse-grained biotite-hornblende granodiorite (Dgh), where intermingled with Ogm rock type (Dghm).
Dgb		Medium-to coarse-grained foliated biotite monzonite/granodiorite (Dgb). (Dgh, Dgb: Vicorys Creek Granodiorite; I-type).	

- Geological boundary - position approximate.
- Fault - inferred.
- Dune crest.
- Magnetic gradient or lineament (direction towards lower values indicated).
- Lineament visible in airborne magnetic data.

- Strike and dip of bedding, facing known.
- Strike and dip of bedding, facing unknown.
- 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 foliation due to alignment of hornblende and/or biotite in granite rock, vertical.
- Trend of preferred orientation of hornblende and/or biotite in granite rock.
- Strike of dominant joint set, vertical.
- Strike and dip of cleavage of unspaced type and relative age, vertical.
- Strike and dip of crenulation cleavage.
- Field station of adjacent readings on map.
- Mineral deposit location - alluvial/alluvial Data derived from Mineral Resources Tasmania (MRT) DEPOSIT database. Data point position has not been verified in every case.
- Construction material/industrial mineral/gemstone location

Compiled by M.P. McLennaghan, B.Sc.(Hons), Ph.D., 2004 from the following sources (see responsibility diagram):
A. BAILLIE, P.W., TURNER, N.J. & COX, S.F. 1979, Geological Atlas 1:50 000 series, Sheet 24 (8416S), Bobbyalla, Tasmania Department of Mines.
Updated by:
B. Geophysical lineaments derived from 2008 Mineral Resources Tasmania 'TasExplo' survey added by J.L. Eward, 2010.

REFERENCE THIS MAP AS:
MCLENNAGHAN, M.P., 2004, Digital Geological Atlas 1:25 000 Scale Series, Sheet 5647, Tomahawk, Mineral Resources Tasmania.

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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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