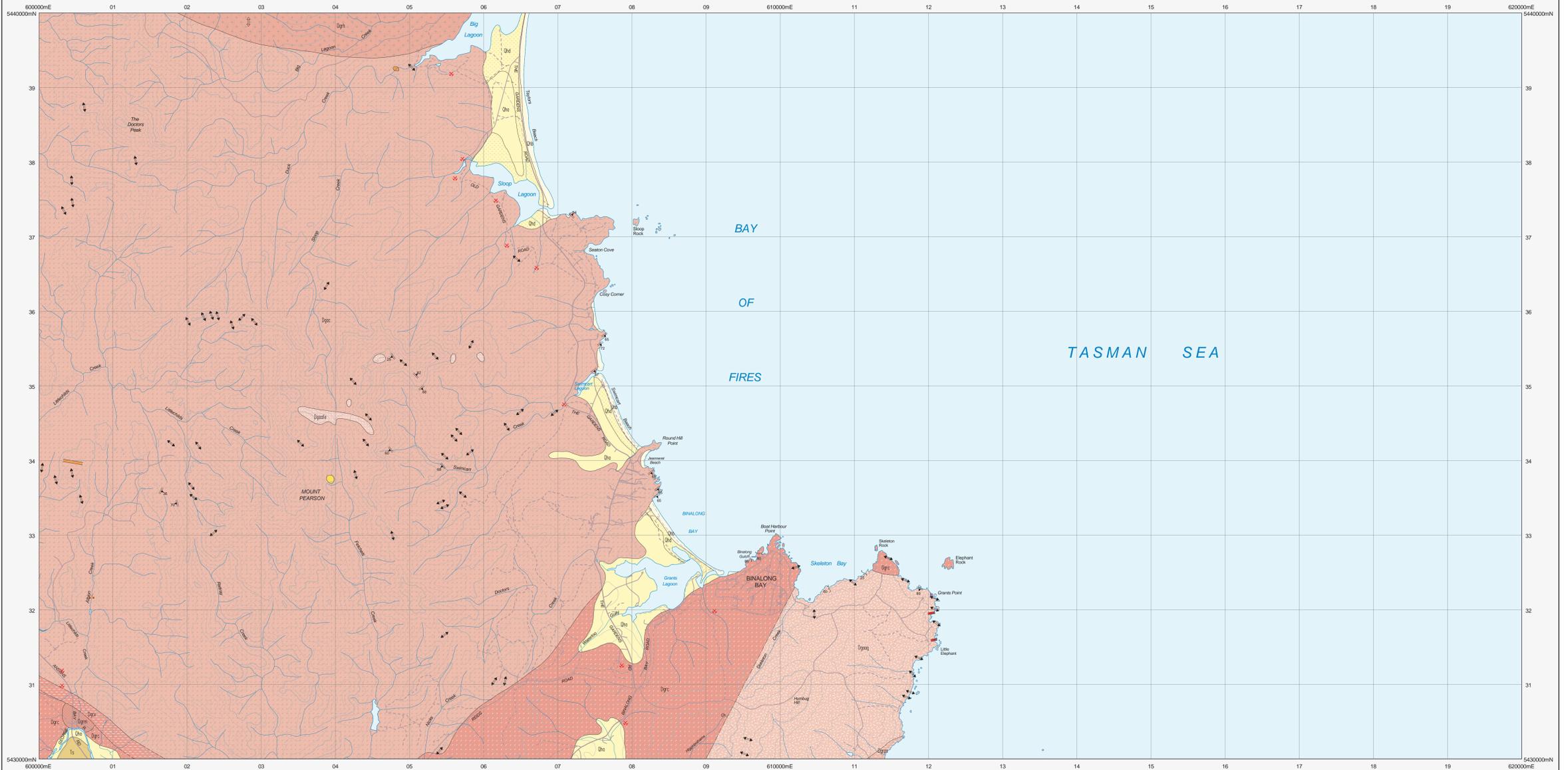


BINALONG

Scale: 1:25 000



CENOZOIC	PALEOGENE - TERTIARY	QUATERNARY	Oha	Stream alluvium, swamp and marsh deposits (Oha).
			Ohb	Beach sand (Ohb).
			Ohd	Dune sand (Ohd).
			Is	Conglomerate, gravel sand and derived lag (Is).
CENOZOIC	PALEOGENE - TERTIARY	PALEOGENE	Tb	Basalt (Tb).
			Unconformity	
CENOZOIC	PALEOGENE - TERTIARY	PALEOGENE	Tp	Basalt (Tp).
			IGNEOUS ROCKS	
CENOZOIC	PALEOGENE - TERTIARY	PALEOGENE	Dd	Dolerite (Dd).
			MINOR GRANITIC INTRUSIONS	
PALEOZOIC	DEVONIAN	DEVONIAN	Dge	Aplitic granite (Dge).
			Dgafte	Fine-grained equigranular biotite-muscovite granite (Dgafte).
			Dgaf	Leucocratic muscovite granite (Dgaf).

PALEOZOIC	DEVONIAN	DEVONIAN	Dgag	Medium- to coarse-grained, very porphyritic (small K-feldspar phenocrysts) monzogranite (Dgag) (Grant Point Granites, I-type).
			Dgrx	Coarse- to fine-grained, variably porphyritic hornblende granodiorite, with very abundant Maficite Supergroup xenoliths (Dgrx) (Scamander for Granodiorite, I-type).
			Dgpc	Coarse-grained, porphyritic, to seriate to equigranular biotite-minor muscovite monzogranite (Dgpc) (Mount Pearson Granite, I-type).
			Dgpps	Medium- to coarse-grained, sparsely porphyritic biotite granodiorite (Dgpps) (Akaroa Granodiorite, I-type).
			Dgrc	Coarse-grained, sparsely porphyritic biotite-hornblende granodiorite (Dgrc) (George River Granodiorite, I-type).
			Dgrm	Coarse-grained monzogranite/monzonite (Dgrm) ('Priority Monzonite', abraded variant of George River Granodiorite).
			Dgrb	Medium- to coarse-grained biotite granodiorite (Dgrb).
			Dgrh	Medium- to coarse-grained biotite-hornblende granodiorite (Dgrh). (Dgrb, Dgrh - Gardens Granodiorite, I-type).

Geological boundary - position accurate or approximate.
Geological boundary - transitional.

- Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock.
- Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
- Trend of preferred orientation of hornblende and/or biotite in granitic rock.
- Strike and dip of dykes or vein rock type or mineral specified by RCODE in Point Attribute Table.
- Mineral deposit location - alluvial/allings. Data derived from Mineral Resources Tasmania (MRT) data base. 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. 2005 from the following sources (see responsibility diagram):
A. MCLENNAGHAN, M.P. and WILLIAMS P.R. 1983. Geological Atlas 1:50 000 Series, Sheet 53 (B515N) Blue Hill.
B. MCLENNAGHAN, M.P., TURNER, H.J. and WILLIAMS P.R. 1987. Geological Atlas 1:50 000 Series, Sheet 41 (B515S) St Helens.

REFERENCE THIS MAP AS:
MCLENNAGHAN, M.P. (compiler) 2006. Digital Geological Atlas 1:25 000 Scale Series, Sheet 6043 (Binalong), 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.



While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data. Crown copyright reserved.

