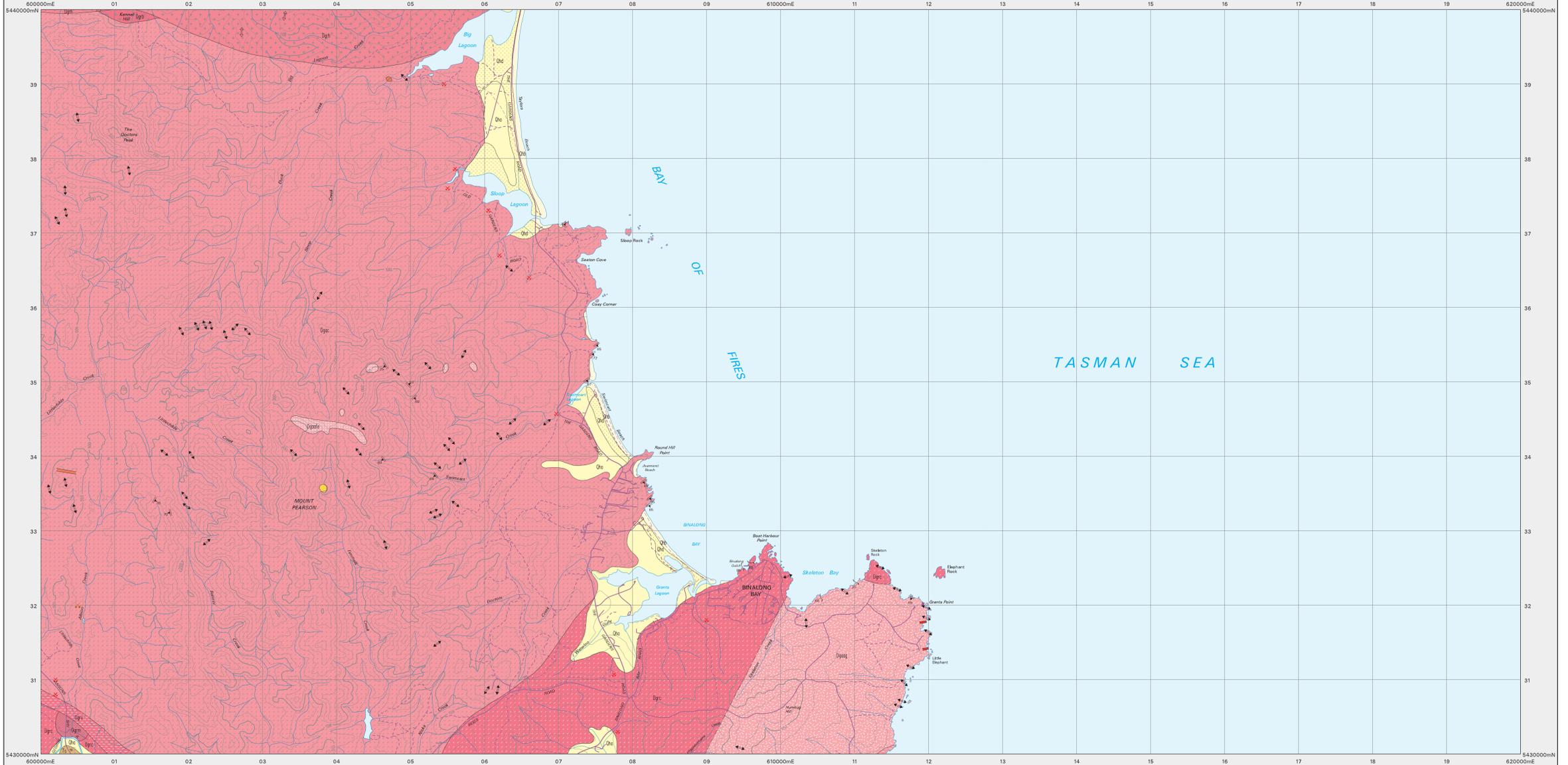


BINALONG

Scale: 1:25 000



CAINOZOIC

QUATERNARY	HOLOCENE	Qha	Stream alluvium, swamp and marsh deposits (Qha).
		Qhb	Beach sands (Qhb).
		Qhd	Dune sand (Qhd).
TERTIARY		Ta	Conglomerate, gravel, sand and derived lag (Ta).
		Tb	Basalt (Tb).

IGNEOUS ROCKS

TERTIARY	Tb	Basalt (Tb).
DEVONIAN (D)	Dd	Dolerite (Dd).

BLUE TIER BATHOLITH

MINOR GRANITIC INTRUSIONS

DEVONIAN (D)	Dge	Aplitic granite (Dge).
	Dgafe	Equigranular fine-grained biotite-muscovite granite/adamellite (Dgafe).
	Dgaf	Leucocratic muscovite granite (Dgaf).

MAJOR GRANITIC INTRUSIONS

DEVONIAN (D)	Dgag	Very abundantly porphyritic with k-feldspar phenocrysts medium-to coarse-grained biotite granite (Dgag).
	Dgac	Porphyritic to seriate to equigranular coarse-grained biotite-muscovite adamellite (Dgac).
	Dgca	Variably porphyritic coarse-to fine-grained hornblende granodiorite with very abundant Melnikov Supergroup xenoliths (Dgca).
	Dgcs	Sparsely porphyritic medium-to coarse-grained biotite granodiorite (Dgcs).
	Dgcm	Sparsely porphyritic coarse-grained biotite-hornblende granodiorite (Dgcm); coarse-grained monzonite to monzonite (Dgcm) derived from Dgcm by obliteration.
	Dgcb	Medium to coarse-grained biotite granodiorite (Dgcb).
	Dgcn	Medium to coarse-grained biotite-hornblende granodiorite (Dgcn).

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 dyke or vein, rock type or mineral specified by RCODE in Point Attribute Table.
- Mineral deposit location - hardrock.
- Mineral deposit location - alluvial.
- Construction materials location.

Compiled by M.P. McClenaghan, 2005 from the following sources (see responsibility diagram):
A McCLENAGHAN, M.P. and WILLIAMS P.R. 1983. Geological Atlas 1:50 000 series, sheet 33 (BSE)N Blue Tier.
B McCLENAGHAN, M.P. TURNER, N.J. and WILLIAMS P.R. 1987. Geological Atlas 1:50 000 series, sheet 41 (BSE)N St Helens.

REFERENCE THIS MAP AS:
McCLENAGHAN, M.P. 2005 [compiler], Digital Geological Atlas 1:25000 series, sheet 6043 Binalong, Mineral Resources Tasmania.

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Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.

A0060 - AMG Zone 55. Contour Interval: 20 metres.
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