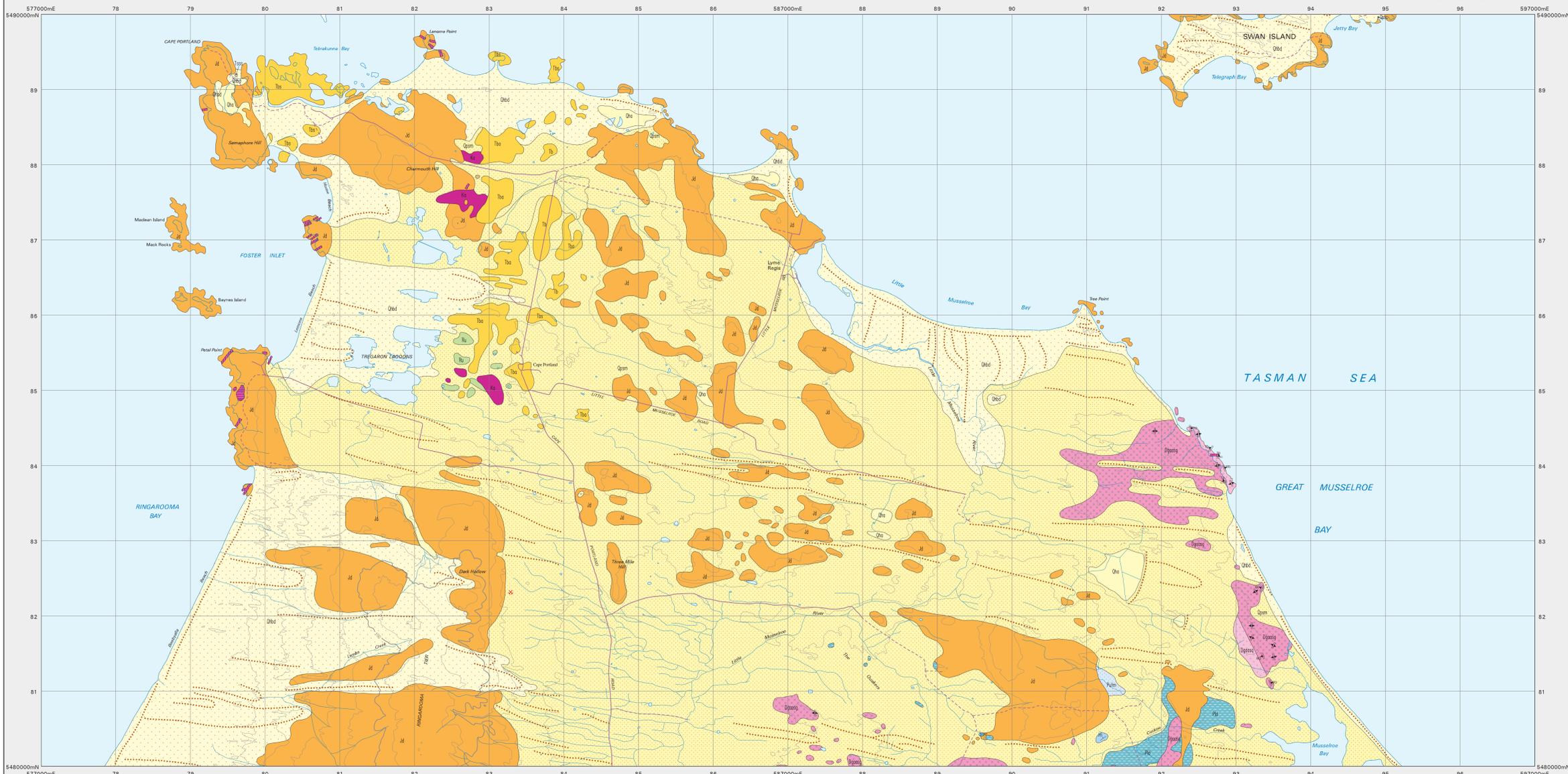
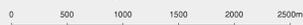


LYME REGIS SOUTH

Scale: 1:25 000



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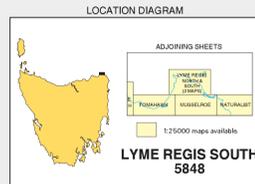
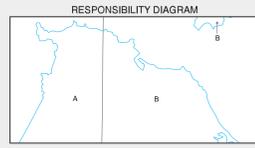
COMPOSITE LEGEND FOR LYME REGIS NORTH AND LYME REGIS SOUTH

PERIOD	UNIT	DESCRIPTION
QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qhbd	Younger aeolian dune sand, beach sand and gravel (Qhbd).
	Qdph	Dolerite talus (Qdph).
	Qpm	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpm); clay, sand, minor peat and gravel (Qpac).
TERTIARY	Tss	Lag and outcrop of silicified quartz sandstone and conglomerate (Tss).
	Tb	Basalt (Tb); alkali basalt (Tba); tholeiite (Tbt).
TRIASSIC	Tm	Marine limestone (Tm).
	Unconformity	Unconformity
	Ru	Fresh-water, cross-bedded quartz sandstone (Ru) (upper Flindersian Group).
PERMIAN	Pufm	Fossiliferous marine sandstone (Pufm) (upper glacio-marine sequence).
	Pfp	Cross-bedded quartz sandstone and carbonaceous mudstone (Pfp) (freshwater sequence).
	Pfg	Richly to sparsely fossiliferous (brachiopod) siltstone with drapstones and poorly sorted pebbly sandstone (Pfg) (lower glacio-marine sequence).

PERIOD	UNIT	DESCRIPTION
TERTIARY	Tb	Basalt (Tb); alkali basalt (Tba); tholeiite (Tbt).
JURASSIC	Jd	Dolerite (Jd).
CRETACEOUS	Ka	Asphinite (Ka); andesite (Ka'); lamprophyre (Ka).
DEVONIAN	Dgasa	Porphyritic, fine-grained biotite-muscovite adamellite with phenocrysts of quartz and feldspar (Dgasa).
	Dgasaq	Variably porphyritic coarse- to very coarse-grained biotite-garnet-mica muscovite granite/adamellite (Dgasaq).

Geological boundary - position approximate.
Dune Crests.
Strike and dip of bedding, facing known.
Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granite rock, vertical.

Compiled by M.P. MacDonagh, 2005 from the following sources (see responsibility diagram):
A Geological atlas 1:50,000 series, sheet 24 (84185) Bookville 1978, Tasmania Department of Mines.
B Geological atlas 1:50,000 series, sheet 25 (85185) Edgystone 1984, Tasmania Department of Mines.



Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.
ADDD6 - AMG Zone 55. Contour Interval: 20 metres.
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