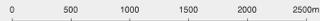
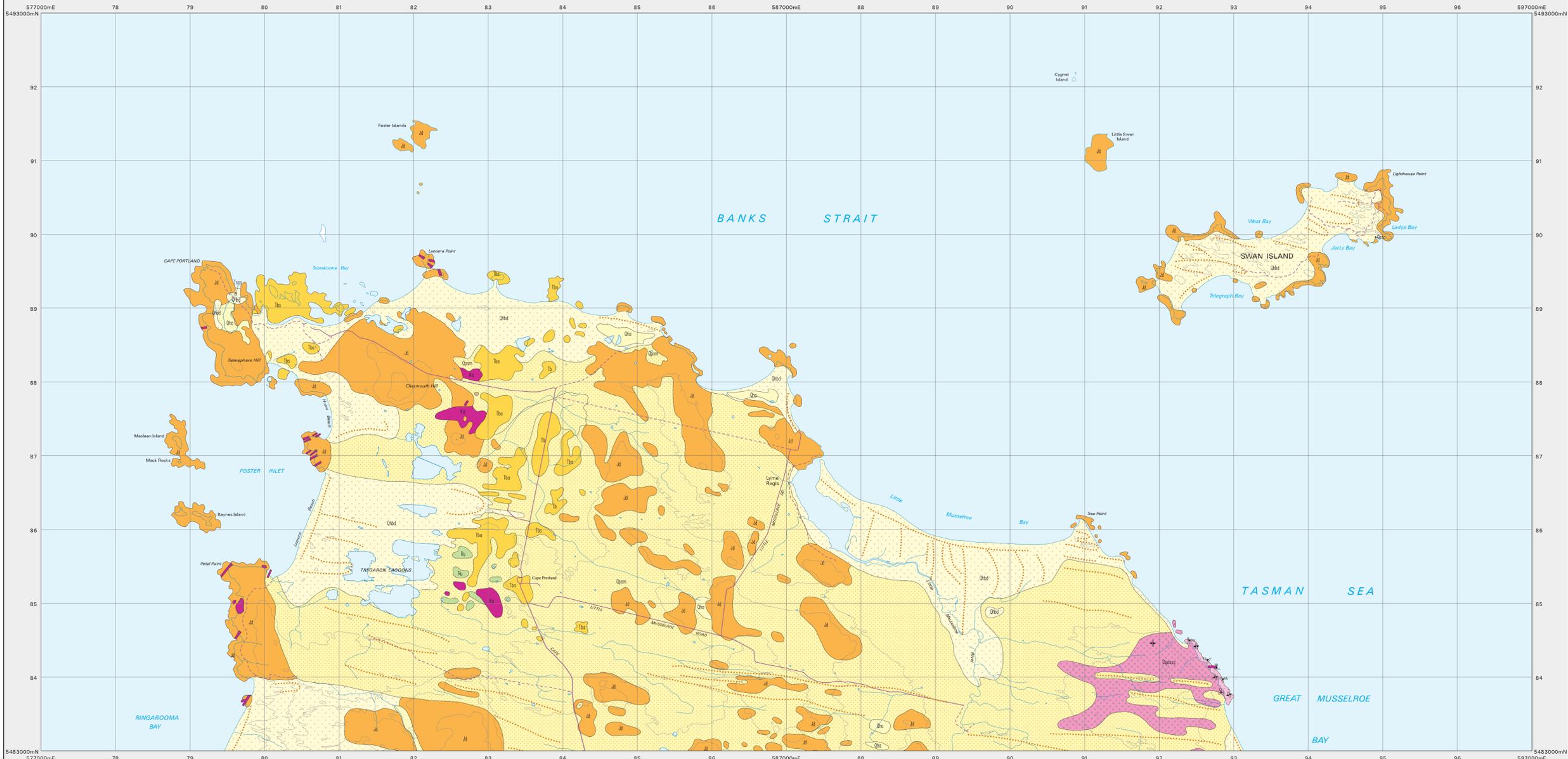


LYME REGIS NORTH

Scale: 1:25 000



MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
LYME REGIS NORTH, SHEET 5848



COMPOSITE LEGEND FOR LYME REGIS NORTH AND LYME REGIS SOUTH

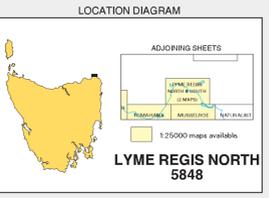
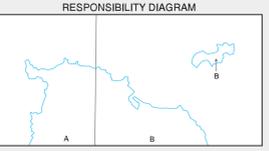
PERIOD	UNIT	DESCRIPTION
QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qhbd	Younger aeolian dune sand, beach sand and gravel (Qhbd).
	Qphtd	Dolerite talus (Qphtd).
	Qpm	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpm); clay, sand, minor peat and gravel (Qpc).
TERTIARY	Tss	Lap and outcrop of silicified quartz sandstone and conglomerate (Tss).
	Tb	Basalt (Tb); alkali basalt (Tba); tholeiite (Tbs).
TRIASSIC	Ru	Unconformity
	Ru	Fresh-water, cross-bedded quartz sandstone (Ru) (Upper Forrester Group).
PERMIAN	Pu/m	Fossiliferous marine sandstone (Pu/m) (Upper glacio-marine sequence).
	Pp	Cross-bedded quartz sandstone and carbonaceous mudstone (Pp) (Freshwater sequence).
	Psd	Ricky to sparsely fossiliferous (bryozoan) siltstone with drusestone and poorly sorted pebbly sandstone (Psd) (Lower glacio-marine sequence).

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

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. McCleughan, 2005 from the following sources:
See responsibility diagram:
A. Geological atlas 1:50,000 series, sheet 24 (84165) Bookyalla 1978, Tasmania Department of Mines.
B. Geological atlas 1:50,000 series, sheet 25 (85165) Eddystone 1984, Tasmania Department of Mines.

Base data from the UST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources, Tasmania using G.I.S. software: ArcView - ArcMap Core GIS. Contour Interval: 20 metres.



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