Mineral Resources Tasmania

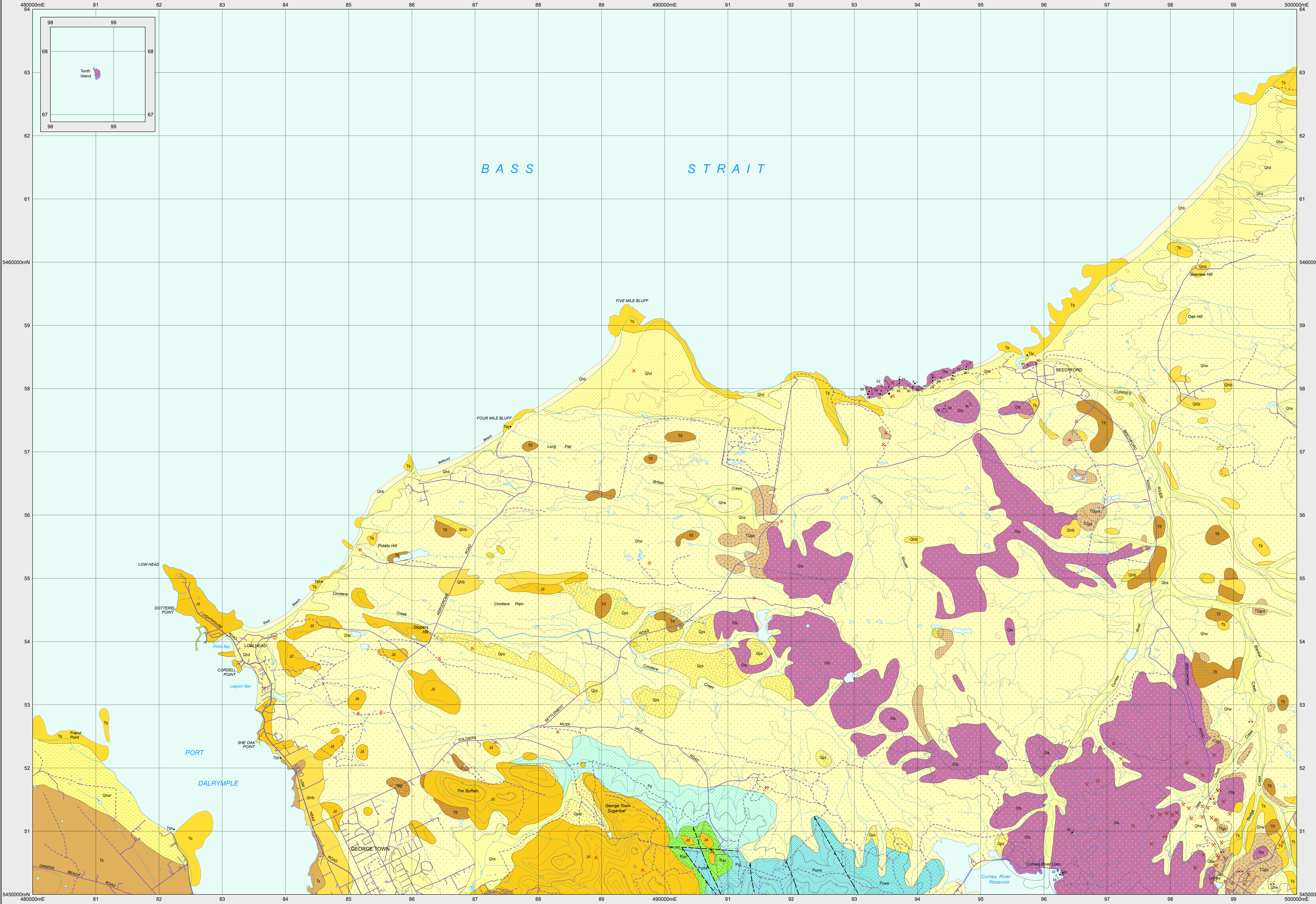
DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
LOW HEAD, SHEET 4845

LOW HEAD

Scale 1:25 000

0 500 1000 1500 2000 2500m

Tasmanian Government


480000mE
81
82
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490000mE
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500000mE
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62
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5460000mN
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53
52
51
5450000mN
98
99
68
67
Tenth Island
B A S S
S T R A I T
FIVE MILE BLUFF
FOUR MILE BLUFF
Bellbuoy
Beach
Long Flat
British
Creek
Potato Hill
LOW HEAD
DOTTEREL POINT
LIGHTHOUSE
ROAD
East
Beach
Cimitiere
Creek
AERODROME
ROAD
Cimitiere Plain
Slippers Hill
Pilots Bay
CORDELL POINT
Lagoon Bay
SHE OAK POINT
PORT
DALRYMPLE
Friend Point
GREENS BEACH ROAD
LOW HEAD ROAD
GEORGE TOWN
The Buffalo
George Town Sugarloaf
SOLDIERS
SETTLEMENT
MUSK
VALE
ROAD
Curries
Rivulet
BEECHFORD
CURRIES
BEECHFORD ROAD
RIVER
Curries River
Seaview Hill
Oak Hill
Blanket Creek
Churn Creek
New
Sludge Creek
Curries River Dam
Curries River Reservoir
Lefroy
Qha
Qhd
Qhb
Qhwr
Qhlb
Qptd
Qps
Qhw
TQga
TQgra
Tfld
Tb
Tbq
Tbh
Tbr
Ts
Tfgb
Tfl
Jd
Rqs
Pp
Pct
Puma
Puwa
Ots

Era	Period	Epoch	Unit	Description
CENOZOIC	QUATERNARY	HOLOCENE	Qha	Stream alluvium, swamp and marsh deposits (Qha).
			Qhd	Dune sand (Qhd).
			Qhb	Beach sand (Qhb).
			Qhwr	Sand of stabilised longitudinal beach ridges (Qhwr).
			Qhlb	Basalt derived lag deposit (Qhlb).
			Qptd	Dolerite talus (Qptd).
			Qps	Silt with rounded clasts of granite, schist, quartzite, conglomerate, derived from Permian strata (Qps).
	?		Qhw	Windblown sand and locally derived sand (Qhw).
	PALEOGENE - NEOGENE		TQga	Angular gravel, mainly vein quartz (TQga).
			TQgra	Rounded and angular gravel, mainly vein quartz (TQgra).
			Tfld	Laterite derived from Jurassic dolerite (Tfld).
			Ts / Tb	Conglomerate, gravel, sand, silt, mud and clay (Ts); Basaltic rock (Tb).
			Tfgb	Grey-billy and silcrete (Tfgb).
			Tfl	Ferricrete lag (Tfl).
			~~	Unconformity.
MESOZOIC	TRIASSIC		Rqs	Cross-bedded quartz sandstone, feldspathic sandstone and shale (Rqs).
?	?		Pp / Pct	Undifferentiated Ppct, Ppmn, Ppwa equivalent to Pm and Pg (Pp). Carbonaceous sandstone and shale (Clog Tom Sandstone) (Pct).
PALEOZOIC	PERMIAN		Puma	Wormcast siltstone and sandstone (Middle Arm Group) (Puma).
			Puwa	Fossiliferous sandstone, siltstone and limestone (West Arm Group) (Puwa).
			~~	Unconformity.
	ORDOVICIAN		Ots	Thick bedded, turbiditic, graded fine- to very fine-grained quartz-rich sandstone with stripy penetrative cleavage, and minor interbedded slaty pelite (Stony Head Sandtone) (Ots).

PARMEENER SUBGROUP

TIPPOGOREE GROUP
MATHINNA SUBGROUP

IGNEOUS ROCKS

Era	Period	Unit	Description
CENOZOIC	PALEOGENE - NEOGENE	Tb	Basalt (Tb); quartz tholeiite (Tbq), transitional olivine basalt (Tbr) and hawaiite (Tbh) indicated.
MESOZOIC	JURASSIC	Jd	Dolerite (Jd).

CONTACTS

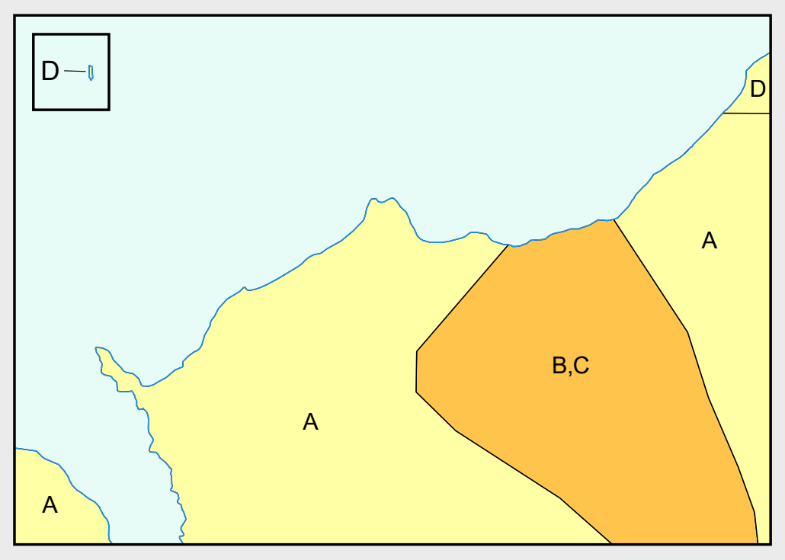
Geological contact.
Unconformable lithological contact.
Igneous intrusive contact.
Limit of detailed mapping.

FAULTS

Fault.
Normal fault (downthrown side indicated).

Strike and dip of bedding, facing unknown; overturned; facing unknown.
Strike and dip of penetrative cleavage; crenulation cleavage.
Trend and plunge of minor fold hinge line, relative age F_2, with dip and dip direction of axial surface.
Field station for adjacent readings on the map.
Notable small outcrop with rock unit indicated.
Mineral deposit location - hardrock.
Mineral deposit location - alluvial/tailings.
Construction material/industrial mineral/gemstone location.

SOURCE DIAGRAM



🟧	Highly detailed (eg. more detailed than 1:25 000 scale mapping).
🟧	Detailed systematic (eg.1:25 000 map or equivalent detail).
🟨	Regional systematic (eg.1:50 000, 1:63 360 map or equivalent detail).
🟩	Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
🟦	Reconnaissance mapping with sparse ground traverses.
🟪	Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by M.P. McClenaghan B.Sc.(Hons), Ph.D., 1996 from the following sources (see source diagram):

A GEE, R.D., LEGGE, P.J. 1971. Geological Atlas 1:63 360 Series. Sheet 30 (8215N), Beaconsfield. Tasmania Department of Mines.

Updated by:

B D.B. Seymour, 2008-2009. Structural re-mapping and stratigraphic revision as part of the TasExplore Project, Mineral Resources Tasmania.

C SEYMOUR, D.B.; WOOLWARD, I.R.; McCLENAGHAN, M.P.; BOTTRILL, R.S. 2011. Stratigraphic revision and re-mapping of the Mathinna Supergroup between the River Tamar and the Scottsdale Batholith, northeast Tasmania. 1:25 000 Scale Digital Geological Map Series. Explanatory Report 4.

D JENNINGS, D.J. 1967. Geological Atlas 1:50 000 Series. Sheet 23 (8516S), Noland Bay. Tasmania Department of Mines.

REFERENCE THIS MAP AS:

McCLENAGHAN, M.P. and SEYMOUR, D.B. (compilers) 2009. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4845 Low Head. Mineral Resources Tasmania.

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Map produced by Spatial Information Services, Mineral Resources Tasmania.

Website: www.mrt.tas.gov.au

GDA94 - MGA Zone 55. Contour Interval: 20 metres.

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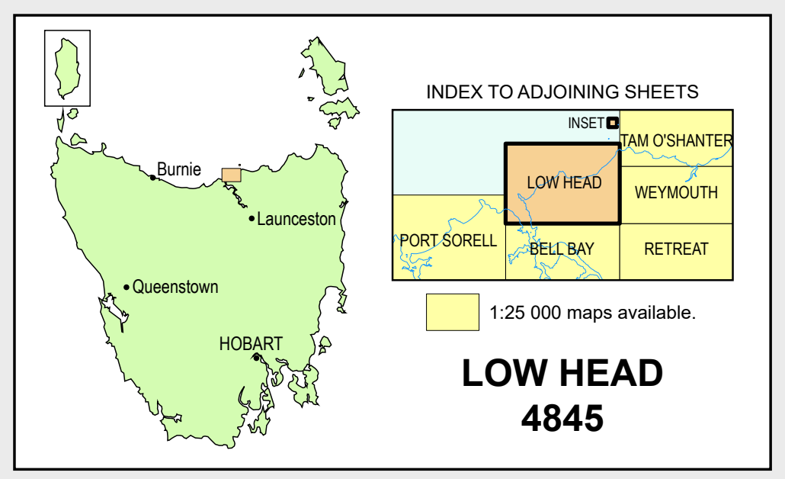
LOCATION DIAGRAM


Burnie
Launceston
Queenstown
HOBART
INDEX TO ADJOINING SHEETS
INSET
TAM O'SHANTER
LOW HEAD
WEYMOUTH
PORT SORELL
BELL BAY
RETREAT
1:25 000 maps available.
LOW HEAD
4845

Map generated: 24-JUL-2026

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