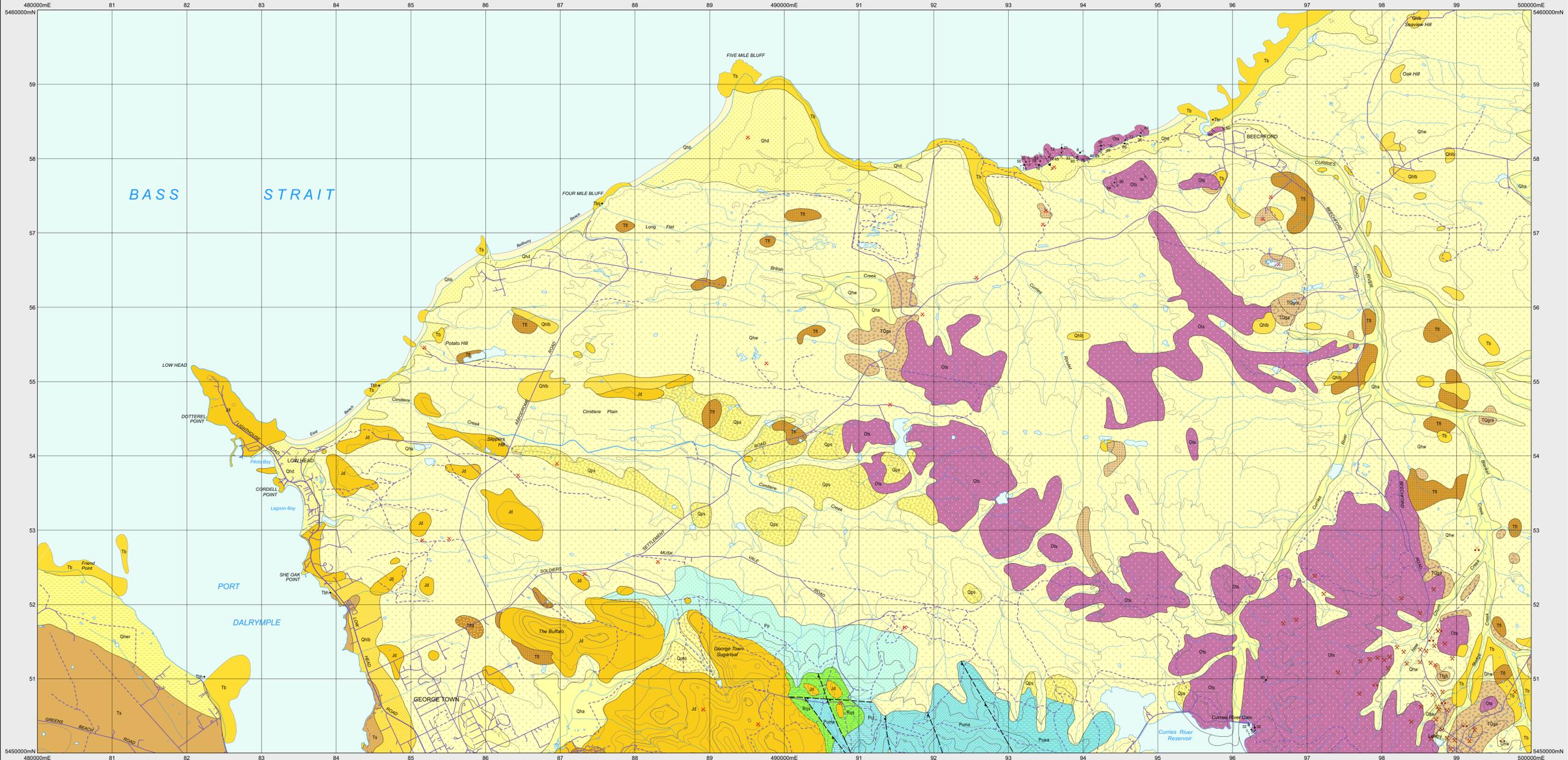


LOW HEAD

Scale 1:25 000



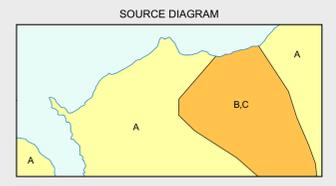
PERIOD	UNIT	DESCRIPTION	
CENOZOIC	QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
		Qhd	Dune sand (Qhd).
		Qhb	Beach sand (Qhb).
		Qhw	Sand of stabilised longitudinal beach ridges (Qhw).
		Qhb	Basalt derived lag deposit (Qhb).
	PALEOCENE - NEOGENE	Qps	Silt with rounded clasts of granite, schist, quartzite, conglomerate, derived from Permian strata (Qps).
		Qhw	Windblown sand and locally derived sand (Qhw).
		TQga	Angular gravel, mainly vein quartz (TQga).
		TQgra	Rounded and angular gravel, mainly vein quartz (TQgra).
		Ts	Conglomerate, gravel, sand, silt, mud and clay (Ts); Basaltic rock (Ts).
MESOZOIC	PERMIAN	Pp	Undifferentiated Ppct, Ppmm, Ppwa equivalent to Pm and Pg (Pp).
		Pp	Wormcast siltstone and sandstone (Middle Arm Group) (Puma).
	TRIASSIC	Puwa	Fossiliferous sandstone, siltstone and limestone (West Arm Group) (Puwa).
		Rs	Cross-bedded quartz sandstone, feldspathic sandstone and shale (Rs).
		Pct	Carbonaceous sandstone and shale (Clay Tom Sandstone) (Pct).
ORDOVICIAN	Os	Thick bedded, turbiditic, graded fine- to very fine-grained quartz-rich sandstones with striae penetrative cleavage, and minor interbedded stony pelite (Stony Head Sandstone) (Os).	

UNIT	DESCRIPTION
Tb	Basalt (Tb); quartz tholeiite (Tbq); transitional olivine basalt (Tbr) and hawaiite (Tbn) indicated.
Jd	Dolerite (Jd).

CONTACT	DESCRIPTION
—	Geological contact.
- - -	Unconformable lithological contact.
- - -	Igneous intrusive contact.
- - -	Limit of detailed mapping.

FAULT	DESCRIPTION
- - -	Fault.
- - -	Normal fault (downthrown side indicated).

SYMBOL	DESCRIPTION
↘ ↙	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.



Compiled by M.P. McClenaghan B.Sc.(Hons), Ph.D., 1996 from the following sources (see source diagram):
 A. GEE, R.D., LEGGIE, P.J., 1971. Geological Atlas 1:63 360 Series. Sheet 30 (S212N), 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.; ROTHFELT, 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.

REFERENCE THIS MAP AS:

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 Map produced by Spatial Information Services, Mineral Resources Tasmania.
 Website: www.mrt.tas.gov.au
 GDSM - MGA Zone 55. Contour interval: 20 metres.



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