



CENOZOIC	
QUATERNARY	PLEISTOCENE
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhb	Active dune, beach sand and beach gravel (Qhbd); beach sand (Qhb); dune sand (Qhd).
Qpc	Clay, sand, minor peat and gravel (Qpsc).
Qpsw	Older aeolian dune sand (Qpsw).
TSdscm	Well-sorted clast- to matrix-supported cobble-pebble conglomerate, with well-rounded clasts of vein quartz, Mathinna Supergroup and microgranite, grading to medium-grained arkosic sandstone (TSdscm).
Tb	Basalt (Tb).
Ts	Sand, gravel and clay (Ts). Silcrete (Tfsg).
TSdpm	Undifferentiated Panama Group rocks, contact metamorphosed by granitic intrusions (SDpm).
Unconformity.	

MESOZOIC CENOZOIC	
CRETACEOUS	PALEOGENE
Th	Basalt (Th); basaltite (Tbb) and basaltite with Lherzolite nodules (Tbbx) indicated.
Kd	Shoshonitic to latic dykes (Kd).
Dd	Dolerite (Dd).
Dgh	Aplite granite (Dgh); pegmatite (Dgp); fine-grained granite (Dgf).
EDDYSTONE BATHOLITH	
Dgfsa	Medium-grained, equigranular biotite-muscovite alkali feldspar granite (Mt William Granite; S-type) (Dgfsa).
Dgasa	Coarse-grained, equigranular biotite syenogranite/monzogranite (Eddystone Point Granite; S-type) (Dgasa).
Dgasa	Coarse to very coarse-grained, variably porphyritic biotite-garnet-muscovite monzogranite/monzogranite (Ansons Bay Granite; S-type) (Dgasa).

CONTACTS	
—	Geological contact.
- - -	Unconformable lithological contact - inferred.
---	Limit of mapping of sub-unit within undifferentiated rock unit.
---	Limit of detailed mapping.

FAULTS	
- - -	Fault - inferred.

LINEARS	
---	Dune crest.
---	Lineament - visible in magnetic data.
---	Magnetic gradient or lineament (direction towards lower values indicated).

↗	Vertical cleavage - unspecified relative age.
↖	Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock: vertical.
↗ ↖	Trend of preferred orientation of hornblende and/or biotite in granitic rock.
•	Notable small outcrop with rock unit indicated.
▲	Notable small float or lag occurrence with rock unit indicated.
✕	Construction material/industrial mineral/gemstone location.



- 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., 2005 from the following sources (see source diagram):
A. BAILLIE, P.W., JENNINGS, D.J., McSHANE, R.F. and WILLIAMS P.R. 1984. Geological Atlas 1:50 000 Series, Sheet 29 (8516S), Eddystone. Tasmania Department of Mines.
B. McCLENAGHAN, M.P. and WILLIAMS P.R. 1983. Geological Atlas 1:50 000 Series, Sheet 33 (8519K), Blue Tair. Tasmania Department of Mines.
Updated by:
C. Geophysical lineaments derived from Mineral Resources Tasmania 2008 'TasTecton' survey, and minor additional ground information added by J.L. Everard.

REFERENCE THIS MAP AS:
McCLENAGHAN, M.P. 2006 (compiler). Digital Geological Atlas 1:25 000 Scale Series, Sheet 6046 Eddystone. Mineral Resources Tasmania.
Base data from the LIST, Copyright State of Tasmania.
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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