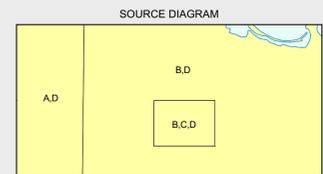


PERIOD	UNIT	DESCRIPTION
CENOZOIC	QUATERNARY	
	PLEISTOCENE-HOLOCENE	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qhbd	Younger aeolian dune sand, beach sand and gravel (Qhbd).
	Qpsm, Qpsw	Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm), older aeolian sand and sand dunes (Qpsw).
MESOZOIC	PALEOCENE-NEOGENE	
	Ts	Sand, gravel and clay disturbed by man (Tsm).
	Ts	Sand, gravel and clay (Ts).
	Ytgb	Grey-billy and siltstone (Ytgb).
	PR	Erosional surface.
	PR	Undifferentiated Parmeener Supergroup rocks (PR).
	Pjd	Richly to sparsely fossiliferous (bryozoa) siltstone with drapstones and poorly sorted poorly sandstone (Lower glacio-marine sequences) (Pjd).
PALEOZOIC	DEVONIAN	
	SDp, SDpm	Quartzwacke turbidite sequence of interbedded sandstone siltstone and mudstone with sandstone dominant (SDp); contact metamorphosed (SDpm); with significant lithowacke (SDpw), with significant lithowacke, contact metamorphosed (SDpwm).

PERIOD	UNIT	DESCRIPTION
MESOZOIC CENOZOIC	PALEOCENE-NEOGENE	
	Tb	Basalt (Tb); quartz tholeiite (Tqb) and olivine tholeiite (Tob) indicated.
DEVONIAN	Jd	Dolerite (Jd).
	Dd	Dolerite dykes (Dd).
PALEOZOIC	Dgi	Fine-grained equigranular granite (Dgi).
EDDYSTONE BATHOLITH	Dgafes	Medium-grained, equigranular biotite-muscovite alkali feldspar granite (Dgafes). Mt. William Granite; S-type.
	Dgaasf	Fine- to coarse-grained, porphyritic garnet bearing, biotite-muscovite syenogranite/alkali feldspar granite (Dgaasf) (Boudrya Granite; S-type).
	Dgaasc	Fine- to medium-grained, equigranular biotite-cordierite-minor muscovite syenogranite/monzogranite (Dgaasc) (Musselroe Point Microgranite; S-type).
	Dgasm	Fine-grained, equigranular biotite muscovite granite (Dgasm).
	Dgaasg	Coarse- to very coarse-grained, variably porphyritic biotite-garnet-minor muscovite alkali feldspar granitoid/syenogranite/monzogranite (Dgaasg) (Musselroe Granite, Ansons Bay Granite; S-type).

CONTACTS	FAULTS
Geological contact.	Fault.
Geological contact - inferred from magnetic data.	Axial surface trace of major later antiform.
Transitional geological contact.	Axial surface trace of major later synform.
Unconformable lithological contact - inferred.	Dune crest.
Limit of mapping of sub-unit within undifferentiated rock unit.	Lineament - visible in magnetic data.
Limit of detailed mapping.	Magnetic gradient or lineament (direction towards lower values indicated).

Strike and dip of bedding - right way up; facing unknown.
Strike and dip of cleavage, unspecified relative age; vertical.
Strike of vertical crenulation cleavage.
Trend and plunge of minor fold hinge line, unspecified relative age.
Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock - dipping, vertical.
Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
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 materials/industrial mineral/pegmatite location.



Compiled by M.P. McClenaghan, B.Sc.(Hons), Ph.D. 2004 from the following sources (see source diagram):
 A. BAILLIE, P.W., TURNER, N.J., COX, S.F., JENNINGS, D.J. and SUTHERLAND, F.L. 1978. Geological Atlas 1:50 000 Series. Sheet 24 (8418), Boodysite. Department of Mines, Tasmania.
 B. BAILLIE, P.W., JENNINGS, D.J., MUSHANE, R.F., WILLIAMS, P.R. 1984. Geological Atlas 1:50 000 Series. Sheet 25 (8418), Eddystone. Department of Mines, Tasmania.
 Updated by:
 C. J.L. Everard, fieldwork 2008.
 D. Geophysical lineaments derived from 2008 Mineral Resources Tasmania "TasExplore" survey and minor additional ground information added by J.L. Everard, 2010.

REFERENCE THIS MAP AS:
 MCLENAGHAN, M.P. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 5847 Musselroe. 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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