

CENOZOIC	QUATERNARY	Qhb	Beach sand (Qhb).
		Qhd	Dune sand (Qhd).
PALEOGENE-NEOGENE	PLEISTOCENE	Qhm	Mobile dune sand (Qhm).
		Qha	Stream alluvium, swamp and marsh deposits (Qha).
		Qhab	Marsh and swamp deposits (Qhab).
		Qpsa	Older aeolian sand and minor clay, peat and gravel (Qpsa).
		Tgpa	Interbedded siliceous gravel, quartz sand and clay (Tgpa).
			Unconformity

MESOPROTEROZOIC	ECTASIAN	Eprw	Dominantly thin (0.5-2mm) interlaminated dark grey to green-grey siltstone and cream to off-white very fine-grained quartz siltstone; moderately wavy to convolute lamination; interbeds (50-100mm) of quartz sandstone and orthoquartzite locally present; pyrite crystals locally abundant (Eprw).
		Eprpb	Dominantly planar laminated, locally pyritic, dark grey siltstone; lenses and gutter casts of cream quartz sandstone locally present (Eprpb).
		Eprpb	Dominantly "banded", thickly laminated to thinly interbedded (~5-20mm) dark-medium grey siltstone and cream fine-grained sandstone; lamination and bedding broadly undulose to end or planar (Eprpb).
		Eprpq	Mappable orthoquartzite and quartz sandstone intervals (Eprpq).
		Eprsa	Dominantly sandstone and siltstone of varied facies, including intervals rich in cross-bedded quartz sandstone (Eprsa).
		Epr	Dominantly siltstone of varied facies; upper sequences dominantly wavy, to cross-laminated finely alternating siliceous and turbidaceous siltstone merging downward into more varied sequence - typically interbedded mid-dark grey siltstone and pale grey quartz siltstone - fine sandstone, which may show plane-parallel bedding, well preserved erosional gutters, clastic dykes and grading, cross-lamination and lensing of the quartz-rich beds (Epr).

NEO-PROTEROZOIC(?) PALEOZOIC	DEVONIAN	Dgfa	Dominantly strongly fractured, muscovite-mior biotite-bearing alkali feldspar granite (Sandy Cape Granite; S-type) (Dgfa).
		Pmdt	Tholeiitic dolerite dykes (Pmdt).

### INTRUSIVE ROCKS

**CONTACTS**

- Geological contact.
- Geological contact - inferred.
- Geological contact - inferred from radiometric data.
- Limit of mapping of sub-unit within undifferentiated rock unit.
- Limit of detailed mapping.

**FAULTS**

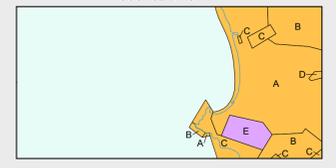
- Fault.
- Fault - inferred.
- Fault - concealed.
- Fault - inferred from radiometric data.
- Fault - based on interpretation of aerial photographs.

**LINEARS**

- Subsurface geological boundary projected to surface.
- Dune crest.
- Lineament - visible on aerial photographs.
- Lineament - visible in magnetic data.
- Magnetic gradient or lineament (direction towards lower values indicated).

**Bedding and Cleavage Symbols:**

- Strike and dip of bedding, facing unknown; right way up; vertical.
- Strike and dip of compositional layering, vertical.
- Horizontal bedding.
- Strike and dip of cleavage of unspecified type and relative age, dipping, vertical.
- Strike and dip of cleavage, relative local age S<sub>1</sub>.
- Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified, dipping, vertical.
- Trend and plunge of minor fold hinge line, unspecified relative age, minor antiform, minor synform.
- Trend of horizontal minor fold hinge line, unspecified relative age.
- Trend and plunge of minor fold hinge line, unspecified relative age, vergence: dorsal, vergence: sinistral, symmetrical.
- Trend and plunge of minor fold hinge line, relative local age F<sub>1</sub>, symmetrical.
- Strike and dip of dominant joint set, vertical.
- Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock; vertical.
- Strike and dip of primary igneous banding or platy alignment, and schlieren in granitic rocks.
- Strike and dip of dyke or vein; dipping, vertical. Aplite (Dgh). Quartz vein (qv).



Compiled by G.V. Cumming, B.Sc. (Hons), C.J. Jackman, B.Sc. (Hons) and J.L. Everard, B.Sc. (Hons) 2017 from the following sources (see source diagram):

- A. G.V. Cumming. Field mapping 2015-2016.
- B. C.J. Jackman. Field mapping 2016.
- C. J.L. Everard. Field mapping 2015-2016.
- D. J.L. Everard. Reconnaissance traverses 2003.
- E. C.J. Jackman and G.V. Cumming. Orthophoto interpretation 2017.

**REFERENCE THIS MAP AS:**  
CUMMING, G.V., JACKMAN, C.J. AND EVERARD, J.L. (compilers) 2017.  
Digital Geological Atlas 1:25 000 Scale Series, Sheet 3041 Kenneth.  
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  
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

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