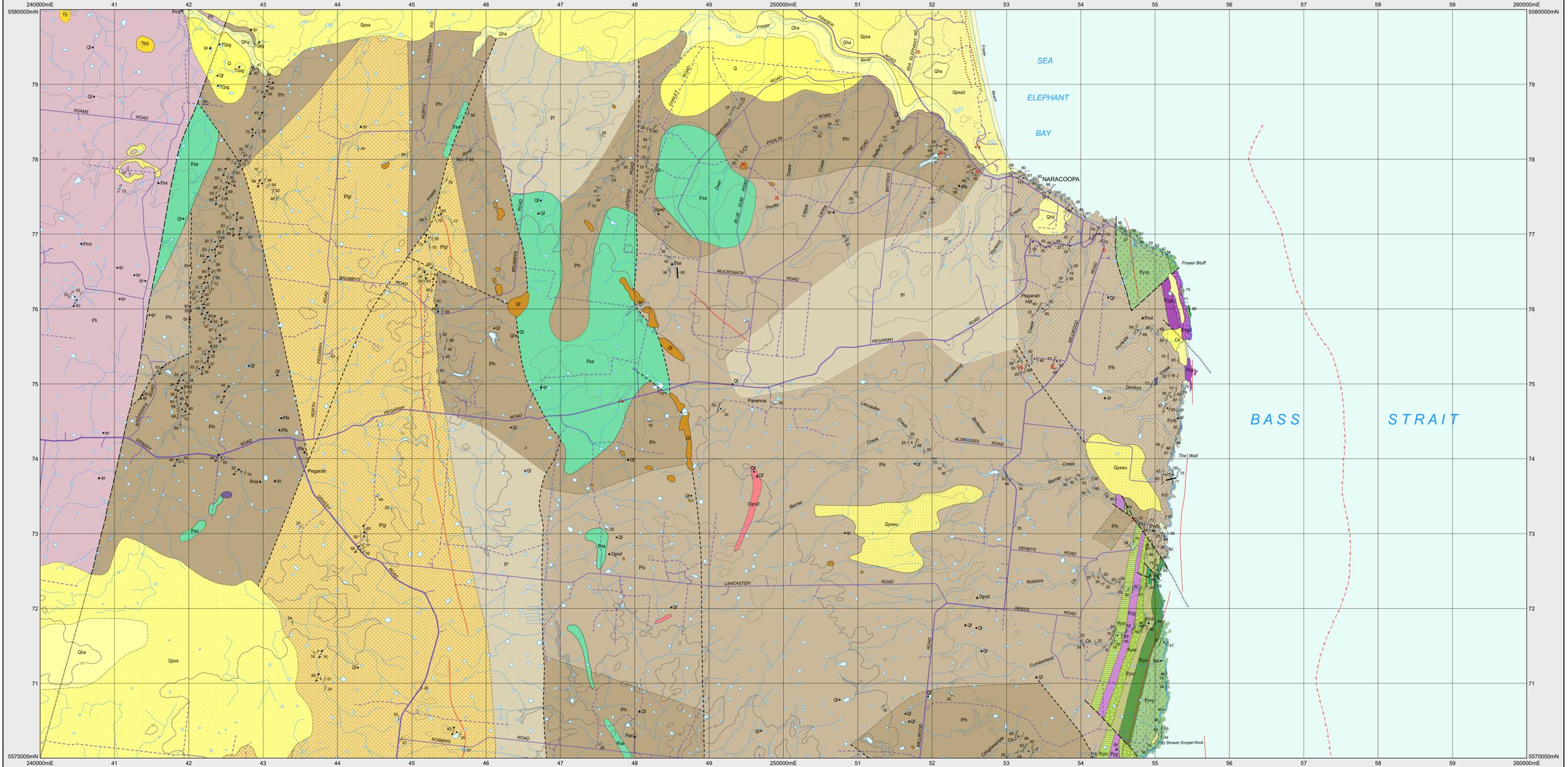


NARACOOPA

Scale 1:25 000



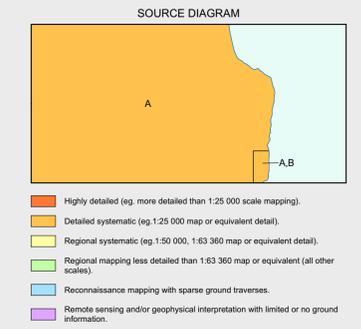
UNIT	DESCRIPTION
Qhb	Undifferentiated Quaternary sediments (Q).
Qhb	Mobile beach and dune sand (Qhb).
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhd	Vegetated dune sand (Qhd).
Q	Older aeolian dune sand and minor clay, peat and gravel (Qpswu).
Qpswu	Older aeolian dune sand and minor clay, peat and gravel (Qpswu).
Qpsa	Stabilised aeolian sand of coastal plain (Qpsa).
Qpsad	Aeolian and marine sand (unit Qpsa), with preserved relict dune landforms in places (Qpsad).
Qf	Ironstone (Qf).
TQag	Semiconsolidated coarse-grained sand and gravel (TQag).

UNIT	DESCRIPTION
Eyvg	Massive, tholeiitic basalt, with minor volcanoclastic conglomerate (Grahams Road volcanics) (Eyvg).
Eyvp	Pillow lava, volcanic breccia, volcanic sandstone, and thin lava flows, all of picritic composition (Shower Droplet Volcanics) (Eyvp).
Eyvt	Tholeiitic basalt and volcanic breccia and sandstone (City of Melbourne Volcanics) (Eyvt).
Eyvs	Shale; pale yellow-green, red, or black in colour (Yarra Creek Shale) (Eyvs).
Eyvd	Laminated dolostone and interbedded dolostone, shale and limestone (Cumberland Creek Dolostone) (Eyvd).
Eyvc	Diamictite with clasts up to boulder size of dominantly dolostone, limestone and metasilstone in a fine-grained carbonate-rich matrix (Cottons Breccia) (Eyvc).
Eyvs	Laminated black shale and chloritic siltstone, with minor altered mafic lavas and local basal conglomerate (Robbins Creek Formation) (Eyvs).
Pf	Undifferentiated Fraser Formation (Pf).
Pfn	Thick-bedded grey-black mudstone with minor thin beds of quartzite siltstone (Pfn).
Pfs	Thick-bedded micaceous quartzite siltstone and very fine-grained quartz sandstone with minor grey-black mudstone (Pfs).
Pfb	Pale grey, laminated quartzite metasilstone and minor pelitic siltstone, with metamorphic chlorite and biotite (Pfb); with chlorite, biotite and garnet (Pfbg).
Pfip	Thinly interbedded grey silty metapelite and pale grey quartzite metasilstone, with metamorphic chlorite, biotite and garnet (Pfip).
Pfa	Actinolite-quartz-biotite hornfels (Pfa).
Pb	Fine-grained quartzite metasandstone, metasilstone and quartz-mica schist (Surprise Bay Formation) (Pb).

UNIT	DESCRIPTION
Tb	Basalt, including basaltic plug near Adams Road at 241400mE, 5579500mN dated at 62Ma (Tb).
Kal	Lampophyre near Cumberland Creek at 255100mE, 5571300mN (Kal).
Dgnsf	Microgranite and quartz-feldspar porphyry (Dgnsf).
Eygc	Subvolcanic andesitic intrusive sheet in Grassy (Eyg); doleritic variant (Eygdl) with gabbroic cumulate base (Eygcb); (Graves Intrusive Suite: Eyp, Eypd, Eypg).
Eyvb	Basaltic intrusives (Eyvb); tholeiitic (Eyvbl).
Eymd	Dolerite (Eymd).
Paa	Coarse-grained hornblende amphibolite (Paa).
qv	Notable quartz vein (qv).

SYMBOL	DESCRIPTION
—	Geological contact.
- - -	Geological contact - inferred.
- · - · -	Geological contact - inferred from magnetic data.
---	Limit of mapping of sub-unit within undifferentiated rock unit.
---	Limit of detailed mapping.
---	Fault.
- - -	Fault - inferred.
· · · · ·	Fault - concealed.
· · · · ·	Dune crest.
---	Lineament - visible in magnetic data.
---	Magnetic gradient or lineament (direction towards lower values indicated).

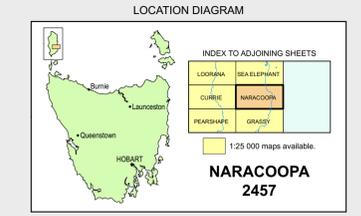
SYMBOL	DESCRIPTION
↘ ↙	Strike and dip of bedding - facing known; facing unknown, overturned.
↘ ↙	Strike and dip of primary flattening of pillows.
↘ ↙	Strike and dip of dyke or vein, rock type or mineral unspecified; with dip and dip direction indicated.
↘ ↙	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified.
↘ ↙	Strike and dip of cleavage - type and relative age unspecified; relative local age S ₁ ; relative local age S ₂ ; relative local age S ₃ .
↘ ↙	Trend and plunge of hinge line of minor fold - unspecified relative age; relative local age F ₁ .
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
•	Notable small float or lag occurrence with rock unit indicated.
•	Mineral deposit location - hardrock.
•	Mineral deposit location - alluvia/tailings.
•	Construction material/industrial mineral/gemstone location.



Geology by C.R. Calver, B.Sc.(Hons), 2010 from the following sources (see source diagram):

A. C.R. Calver 1:25 000 scale geological mapping, 2008-2009.

B. WALDRON, H.M., and BROWN, A.V., 1993. Geological setting and petrochemistry of Eocambrian-Cambrian volcano-sedimentary rock sequences from southeast King Island, Tasmania. Mineral Resources Tasmania Report 1993/26.



REFERENCE THIS MAP AS:
CALVER, C.R. 2010. Digital Geological Atlas 1:25 000 Scale Series. Sheet 2457 Naracoopa. 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
GDA94 - MGA Zone 55. Contour Interval: 20 metres.

While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data. Crown copyright reserved.