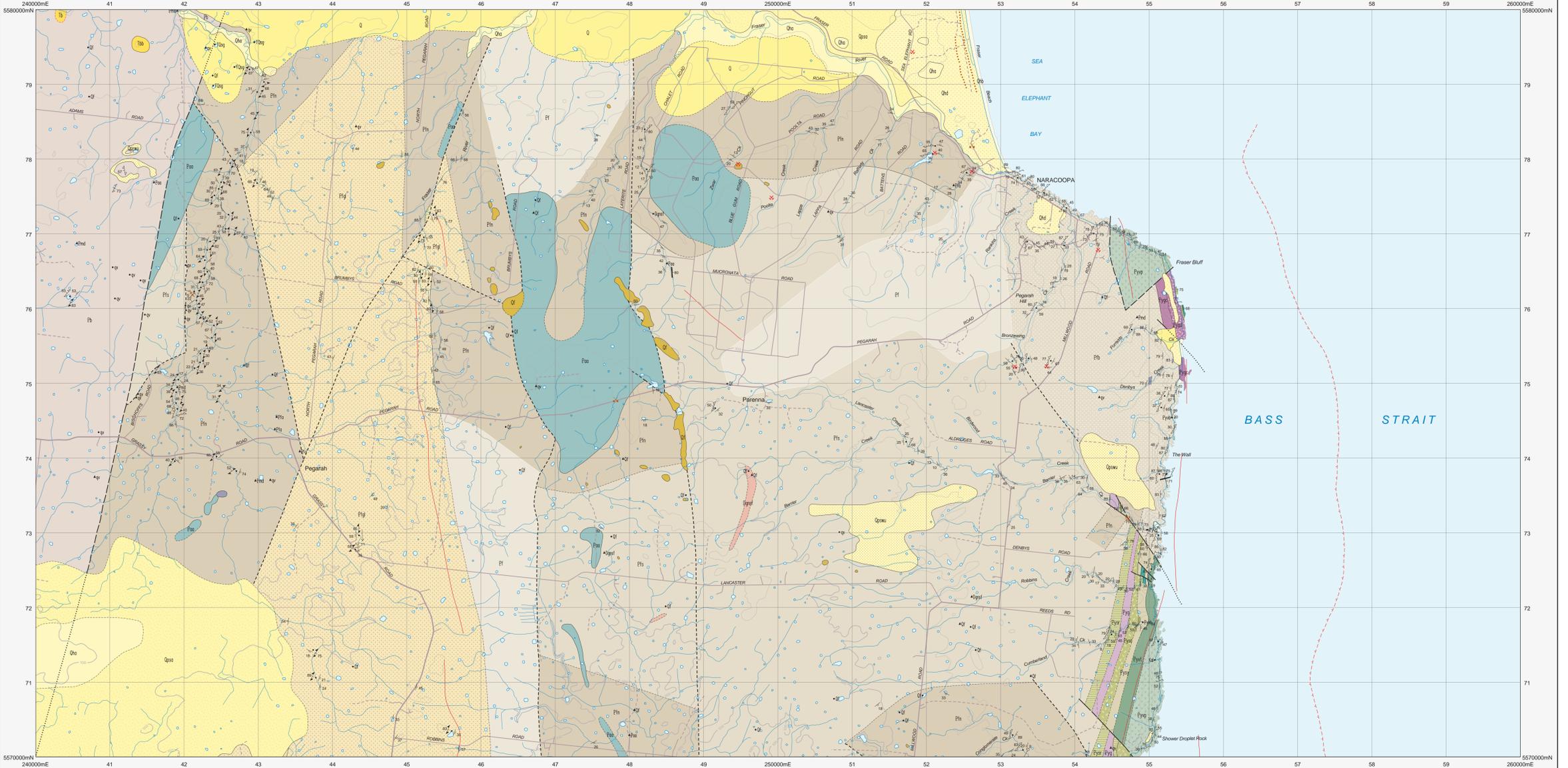


# NARACOOPA

Scale: 1:25 000



CENOZOIC	
QUATERNARY	
Qhb	Mobile beach and dune sand (Qhb).
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhd	Vegetated dune sand (Qhd).
Qpauw	Older aeolian dune sand and minor clay, peat and gravel (Qpauw).
Qpsa	Stabilised aeolian sand of coastal plain (Qpsa).
Ql	trastone (Ql).
• TQsg	Semiconsolidated coarse-grained sand and gravel (TQsg).

NEO-PROTEROZOIC	
EDMACANIAN	
Eyvg	Massive, tholeiitic basalt, with minor volcanoclastic conglomerate (Crabtree Road volcanics) (Eyvg).
Eyyp	Pillow lava, volcanic breccia, volcanic sandstone, and thin lava flows, all of picritic composition (Shower Draper Volcanics) (Eyyp).
Eyvt	Tholeiitic basalt and volcanic breccia and sandstone (City of Melbourne Volcanics) (Eyvt).
Eysy	Shale, pale yellow-green, red, or black in colour (Yarra Creek Shale) (Eysy).
Eygd	Laminated dolostone and interbedded dolostone, shale and limestone (Cumberland Creek Dolostone) (Eygd).
Eygc	Dioritic gneiss with clasts up to boulder size of dominantly dolostone, limestone and metasilicate in a fine-grained carboniferous matrix (Cattaraugus Gneiss) (Eygc).
Eygr	Laminated black shale and chertic siltstone, with minor altered mafic lavas and local basal conglomerate (Robbins Creek Formation) (Eygr).

MESO-PROTEROZOIC	
FRASER FORMATION	
Fr	Undifferentiated Fraser Formation (Fr).
Frh	Thin-bedded grey-black mudstone with minor thin beds of quartzite siltstone (Frh).
Frfs	Thin-bedded micaceous quartzite siltstone and very fine-grained quartz sandstone with minor grey-black mudstone (Frfs).
Frpb	Pale grey, laminated quartzite metasilicate and minor pelitic siltstone, with metamorphic chlorite and biotite (Frpb); with chlorite, biotite and garnet (Frpg).
Frpg	Thinly interbedded grey silty metapelite and pale grey quartzite metasilicate, with metamorphic chlorite, biotite and garnet (Frpg).
Frpa	Actinolite-quartz-biotite hornfels (Frpa).

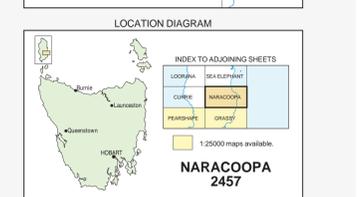
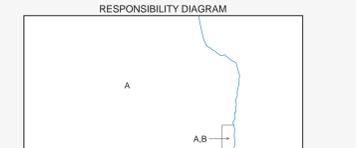
MESO-PROTEROZOIC	
GRASSY GROUP	
Gg	Undifferentiated Grassy Group (Gg).
Ggk	Thick-bedded grey-black mudstone with minor thin beds of quartzite siltstone (Ggk).
Ggfs	Thin-bedded micaceous quartzite siltstone and very fine-grained quartz sandstone with minor grey-black mudstone (Ggfs).
Ggpb	Pale grey, laminated quartzite metasilicate and minor pelitic siltstone, with metamorphic chlorite and biotite (Ggpb); with chlorite, biotite and garnet (Ggpg).
Ggpg	Thinly interbedded grey silty metapelite and pale grey quartzite metasilicate, with metamorphic chlorite, biotite and garnet (Ggpg).
Ggpa	Actinolite-quartz-biotite hornfels (Ggpa).

INTRUSIVE ROCKS	
Tb	Basalt, including basaltic plug (Tb) near Adams Road 241400mE, 5579500mN dated at 62Ma.
Kal	Lamprophyre (Kal) near Cumberland Creek 255100mE, 5571300mN.
Dgrst	Microgranite and quartz-feldspar porphyry (Dgrst).
Eyvg	Subvolcanic andesitic intrusive sheet in Grassy Group (Eyvg); doleritic variant (Eyvd) with gabbroic cumulate base (Eygc) (Grimes Intrusive Suite: Eysy, Eysy, Eysy, Eysy).
Eyvb	Basaltic intrusives (Eyvb); tholeiitic (Eyvt); picritic (Eyyp).
Eyvd	Dolerite (Eyvd).
Eygc	Coarse-grained hornblende amphibolite (Eygc).
qv	Notable quartz vein outcrop; float (qv).

SYMBOLS	
—	Geological boundary - position accurate or approximate.
---	Geological boundary - inferred.
-.-.-	Geological boundary - inferred from airborne magnetic data.
- - -	Fault - unspecified type, position accurate or approximate.
- - - -	Fault - unspecified type, inferred.
- - - - -	Fault - unspecified type, conceded.
—	Magnetic lineament.
—	Magnetic gradient.
—	Dune crest.
—	Limit of mapping.
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit.

SYMBOLS	
—	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 specified.
—	Strike and dip of outcrop-scale fault of unspecified relative age.
—	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified.
—	Strike and dip of cataclastic foliation.
—	Strike and dip of cleavage, - type and relative age unspecified; relative local age S1, relative local age S2, relative local age S3, type unspecified.
—	Trend and plunge of hinge line of minor fold - unspecified relative age; relative local age F1.
—	Trend and plunge of slickensides, movement sense unspecified.
—	Trend and plunge of hinge line of recited minor F2 fold.
•	Notable small outcrop.
▲	Notable fault.
•	Field station for adjacent readings on the map.
—	Mineral deposit location - hardrock } Data derived from Mineral Resources Tasmania DEPOSITS database. Dico point position has not been verified in every case.
—	Construction material/industrial mineral/gemstone location

Compiled by C.R. Calver, B.Sc.(Hons), 2010 from the following sources (see responsibility 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 geochemistry of Cooranran-Cambrian volcanic, sedimentary rock sequences from southeast King Island, Tasmania. Mineral Resources Tasmania Report 1993/28.



**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 LUST, Copyright State of Tasmania.  
Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.  
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.  
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