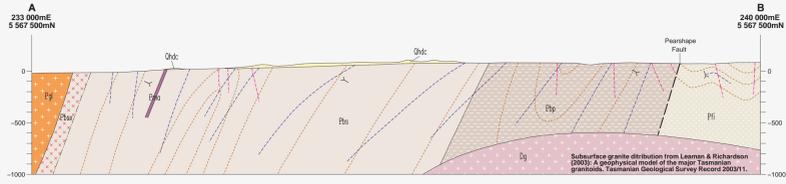
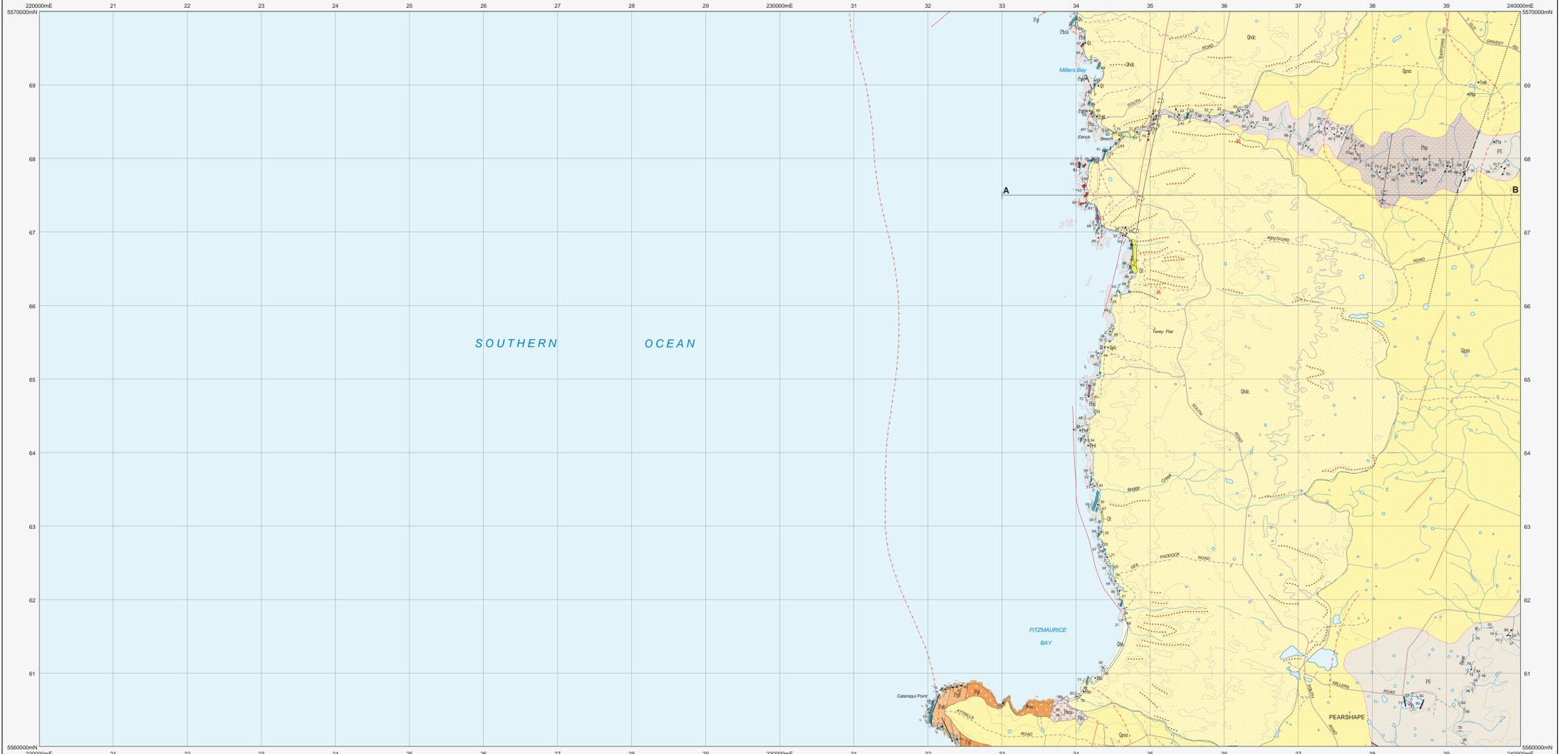
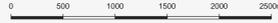


PEARSHAPE

Scale: 1:25 000



QUATERNARY	UNIT	DESCRIPTION
Qh	Qh	Mobile beach and dune sand (Qh).
Qhc	Qhc	Vegetated calcareous dune sand (Qhc).
Q	Qt	Tufa spring deposits (Qt).
Qdc	Qdc	Well-bedded oolitic calcarenite (thin-bedded calcareous dune sand "oolite") (Qdc).
Qpsa	Qpsa	Stabilised oolitic sand of coastal plain (Qpsa).

FRASER FORMATION	UNIT	DESCRIPTION
Fh	Fh	Interbedded quartzite siltstone and dark grey mudstone (Fh).
Fha	Fha	Actinolite-quartz-biotite hornfels (Fha).
Ff	Ff	Fault.
BUPIRE FORMATION	UNIT	DESCRIPTION
Fb	Fb	Fine-grained quartzite metasediments, metakalstone and quartz-mica schist; lower amphibolite facies metamorphic grade (Surprise Bay Formation) (Fb).
Fbs	Fbs	Dominantly fine-grained quartzite sandstone in medium to thick turbidite beds, with interbedded siltstone and pelitic schist (Fbs); contact metamorphosed (Fbs).
Fbp	Fbp	Dominantly pelitic schist (Fbp).
Fbg	Fbg	Schist, metakalstone and metasediments with metamorphic andalusite, garnet and biotite (Fbg).
Fbc	Fbc	Strongly foliated mica schist, with local cataclastic and mylonite (Fbc).

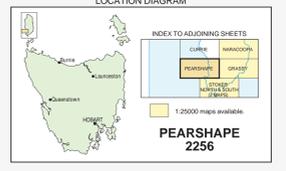
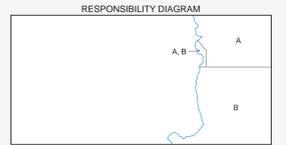
INTRUSIVE ROCKS	UNIT	DESCRIPTION
Dg	Dg	Granite (Dg) (subsurface only).

CRYOGEMAN	UNIT	DESCRIPTION
Imo	Imo	Alkali metabasite dykes and sills, usually feldspar phyrlic (Imo).
Igd	Igd	Granitic dykes, including quartz-feldspar-biotite porphyry and granitoid (Igd).
Igc	Igc	Breccia, calcasite and mylonite, derived predominantly from the Lassarano Granite, with minor interfoliated pelitic schist (Igc).
Igf	Igf	Strongly foliated biotite megacrystic, commonly with seams and bands with an anastomosing sub-parallel grain foliation, and strongly foliated mafic enclaves (variant of Lassarano Granite) (Igf).
Igg	Igg	Epigranitoid to granopyroxenitic (K-feldspar), fine- to medium-grained biotite megacrystic, with sparse mafic enclaves (Lassarano Granite, dated at 748 ± 2 Ma at 237 760 mE, 5 572 800 mN, 5 km SW of on stream Block et al., 1997) (Igg).
Iml	Iml	Probable metabasite dykes and sills (Iml).

SYMBOL	DESCRIPTION
—	Geological boundary - position accurate or approximate.
- - -	Geological boundary - concealed.
---	Geological boundary - inferred from airborne radiometric data.
- · - · -	Fault - unspecified type, position accurate or approximate.
· · · · ·	Fault - unspecified type, concealed.
—	Magnetic lineament.
- - -	Magnetic gradient or lineament (direction towards lower values indicated).
—	Dune crest.
—	Axial surface trace of major overturned anticline.
—	Axial surface trace of major overturned synform.
—	Bedding trend line (on Cross Section only).
—	S1 cleavage trend line (on Cross Section only).
—	S2 cleavage trend line (on Cross Section only).
—	Limit of mapping.
—	Limit of mapping of sub-unit within undifferentiated rock unit.

SYMBOL	DESCRIPTION
—	Strike and dip of bedding - right way up; facing unknown overturned.
—	Strike and dip of dyke or vein, rock type or mineral specified.
—	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 S1 relative local age S2.
—	Strike and dip of mylonitic foliation or mylonite zone.
—	Strike and dip of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface vergence indicated.
—	Trend and plunge of minor fold hinge line, relative local age F1, F2.
—	Direction of upward stratigraphic younging (on Cross Section only).
·	Notable small outcrop.
·	Field station for adjacent readings on the map.
·	Construction material/industry - Data derived from Mineral Resources Tasmania (MRT) reports database. Note point position has not been verified in every case.

Compiled by J.L. Everard, B.Sc.(Hons) and C.R. Calver, B.Sc.(Hons), Ph.D., 2012 from the following sources (see responsibility diagram):
A. C.R. Calver 1:25 000 scale geological mapping, 2009.
B. J.L. Everard 1:25 000 scale geological mapping, 2009-2010.



REFERENCE THIS MAP AS:
CALVER C.R. & EVERARD J.L. (compilers) 2012. Digital Geological Atlas 1:25 000 Scale Series, Sheet 2256 Pearshape, Mineral Resources Tasmania.
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GDA84 - MGA Zone 55. Contour interval: 20 metres.
GDA
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