

CENOZOIC	
NEOGENE	QUATERNARY
<ul style="list-style-type: none"> Qhb: Undifferentiated Quaternary sediments (Q) Qnb: Mobile beach and dune sand (Qnb) Qhdc: Vegetated calcareous dune sand (Qhdc) Q: Tufa spring deposits (Q) Qpsa: Stabilised aeolian sand of coastal plain (Qpsa) Qpic: Well-bedded aeolian calcarenite (bedded calcareous dune sand; 'bealibita') (Qpic) 	<ul style="list-style-type: none"> Qhb: Undifferentiated Quaternary sediments (Q) Qnb: Mobile beach and dune sand (Qnb) Qhdc: Vegetated calcareous dune sand (Qhdc) Q: Tufa spring deposits (Q) Qpsa: Stabilised aeolian sand of coastal plain (Qpsa) Qpic: Well-bedded aeolian calcarenite (bedded calcareous dune sand; 'bealibita') (Qpic)

MESOPROTEROZOIC	
ECTASIAN	FRAMER FORMATION
<ul style="list-style-type: none"> Pti: Interbedded quartzite siltstone and dark grey mudstone (Pti) Pta: Actinolite-quartz-biotite hornfels (Pta) 	<ul style="list-style-type: none"> Pti: Interbedded quartzite siltstone and dark grey mudstone (Pti) Pta: Actinolite-quartz-biotite hornfels (Pta)

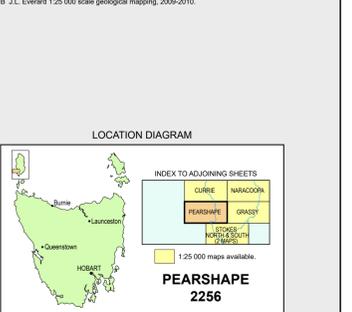
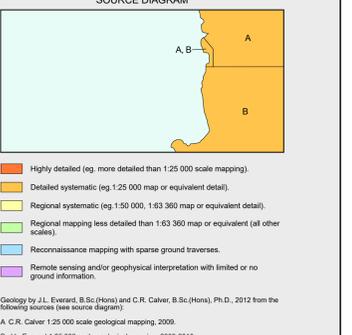
NEO-PROTEROZOIC	
TONMAN	SUPRISE BAY FORMATION
<ul style="list-style-type: none"> Ema: Tholeiitic dolerite sills in Surprise Bay Formation; demonstrably younger than the Loorana Granite near Ettrick Rock (thickness exaggerated) (Ema) Ema: Strongly fractionated dolerite sills, usually feldspar-phyrlic, in Surprise Bay Formation; probably younger than the Loorana Granite (thickness exaggerated) (Ema) Egd: Granitic dykes, including quartz-feldspar-biotite porphyry and pegmatite (Egd) Egij: Epicrystalline to sparsely porphyritic (K-feldspar) fine- to medium-grained biotite monzogranite, with sparse mafic enclaves (Loorana Granite, dated at 748 ± 2 Ma to 237760m; 5579500m, U-Pb zircon) (Egij) Egij: Strongly foliated biotite monzogranite, commonly with seams and bands with an anastomosing sub-parallel grain foliation, and strongly flattened mafic enclaves (variant of Loorana Granite) (Egij) Egic: Breccia, cataclastic and mylonitic, derived predominantly from the Loorana Granite, with minor interfoliated pelitic schist (Egic) Epa: Amphibolite dykes and sheets of tholeiitic composition; older than Loorana Granite (thickness exaggerated) (Epa) 	<ul style="list-style-type: none"> Pti: Interbedded quartzite siltstone and dark grey mudstone (Pti) Pta: Actinolite-quartz-biotite hornfels (Pta) Pb: Fine-grained quartzite metasediments, metasilstone and quartz-mica schist; lower amphibolite facies metalmogranite grade (Pb) Pbs: Dominantly fine-grained quartzite sandstone in medium to thick turbidite beds, with interbedded siltstone and pelitic schist (Pbs); contact metamorphosed (Pbs) Pbp: Dominantly pelitic schist (Pbp) Pbs: Schist, metasilstone and metasediments with metamorphic andalusite, garnet and biotite (Pbs) Pbc: Strongly foliated mica schist, with local cataclastic and mylonite (Pbc)

INTRUSIVE ROCKS	
PALEOZOIC	MISSISSIPPIAN
<ul style="list-style-type: none"> Dg: Granite (Dg) (on Cross Section only) 	

CONTACTS	
—	Geological contact
- - -	Geological contact - inferred
- · - · -	Geological contact - inferred from magnetic data
- · - · -	Transitional geological contact
- - -	Limit of mapping of sub-unit within undifferentiated rock unit
- - -	Limit of detailed mapping

FAULTS	
- - -	Fault
- · - · -	Fault - inferred
- · - · -	Fault - concealed

LINEARS	
- - -	Axial surface trace of major later antiform
- · - · -	Dune crest
- · - · -	Lineament - visible in magnetic data
- · - · -	Magnetic gradient or lineament (direction towards lower values indicated)
- · - · -	S ₁ cleavage trend line (on Cross Section only)
- · - · -	S ₂ cleavage trend line (on Cross Section only)
- · - · -	Bedding trend line (on Cross Section only)



REFERENCE THIS MAP AS:
EVERARD J.L. & CALVER C.R. 2012. Digital Geological Atlas 1:25 000 Scale Series. Sheet 2256 Pearshape. Mineral Resources Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au
GDA94 - MGA Zone 55. Contour Interval: 20 metres.

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