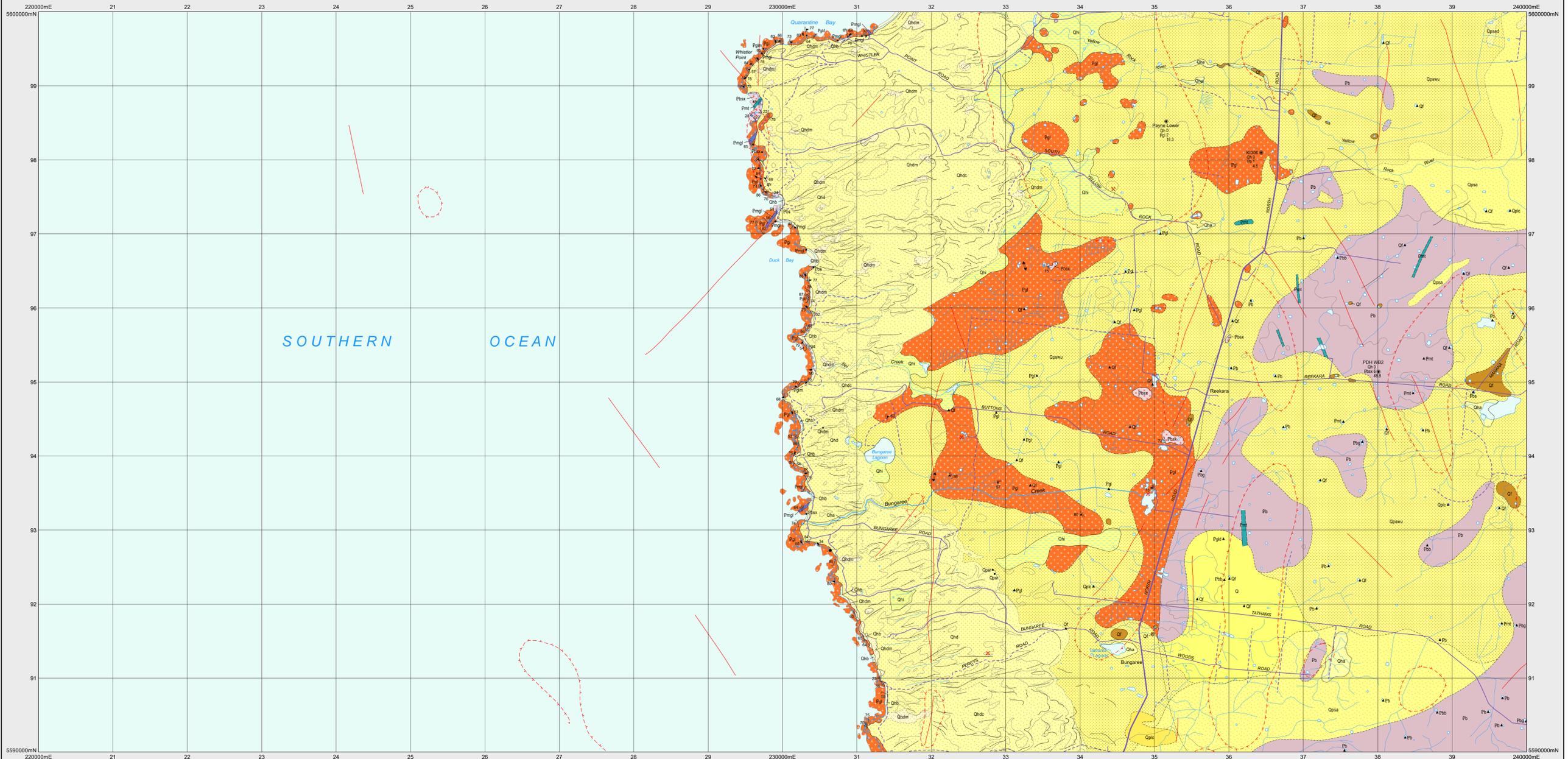


REEKARA

Scale 1:25 000



CENOZOIC	
QUATERNARY	
Qhb	Mobile beach and dune sand (Qhb).
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhdc	Vegetated calcareous dune sand (Qhdc).
Qhd	Undifferentiated dune sand (Qhd).
Qhdm	Mobile dune sand (Qhdm).
Qpic	Well-bedded calcarenite and aeolinite (Qpic).
Qf	Ironstone (Qf).
Qhi	Lagoon and paralic swamp deposits (Qhi).
Qpsa	Stabilised aeolian sand of coastal plain (Qpsa).
Qpsad	Areas of unit Qpsa with preserved relict dune landforms (Qpsad).
Qpsr	Older calcareous dune sand with rhizomorph fragments (Qpsr).
Qpsw	Older aeolian dune sand and minor clay, peat and gravel (Qpsw).
Q	Undifferentiated Quaternary deposits (Q).

----- Unconformity.

MESO-PROTEROZOIC	
ECFASIAN	
Pb	Fine-grained quartzose metasediments, metasilstone, quartz-mica schist and phyllite with lower amphibolite facies metamorphic grade (Pb); some localities with metamorphic biotite (Pbb); garnet ± biotite (Pbg); or dominantly metasediments indicated (Pbs).
Pbpx	Contact metamorphosed Surprise Bay Formation (Pbpx).

INTRUSIVE ROCKS	
Pmgl	Tholeiitic metadolerite dykes in Loorana Granite (Pmgl).
Pmt	Tholeiitic metadolerite dykes in Surprise Bay Formation, probably equivalent to Pmgl (Pmt).
Pgld	Quartz-feldspar porphyry dykes related to Loorana Granite (at 235930mE, 5592880mN) (Pgld).
Pglm	Microgranite dykes in Loorana Granite (Pglm).
Pg	Equigranular/arsenate to sparsely porphyritic (K-feldspar), fine- to medium-grained biotite monzogranite, with sparse mafic enclaves (Loorana Granite) (Pg).

SURPRISE BAY FORMATION

CONTACTS	
—	Geological contact.
- - - - -	Geological contact - inferred.
- · - · -	Geological contact - inferred from radiometric data.
- · - · -	Geological contact - based on interpretation of aerial photograph.
- - - - -	Igneous intrusive contact.
- · - · -	Igneous intrusive contact - inferred.
- - - - -	Limit of mapping of sub-unit within undifferentiated rock unit.
- - - - -	Limit of detailed mapping.

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).

↘	Strike and dip of bedding, facing unknown.
↘	Strike and dip of compositional layering.
↘	Strike and dip of cleavage of unspecified type and relative age.
↘	Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock.
↘	Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock.
↘	Strike and dip of mafic schlieren associated with granitic rock.
↘	Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
↘	Strike and dip of metamorphic foliation other than cleavage.
↘	Strike and dip of mylonitic foliation or mylonite zone.
↘	Strike and dip of ductile shear-band.
↘	Strike and dip of cataclastic foliation.
↘	Strike and dip of dominant joint set, vertical.
↘	Strike of dyke or vein, with dip and dip direction indicated; Quartz-tourmaline as vein or small body (Qh); Quartz vein (qv).
↘	Borehole location with name, depth of rock units encountered, and final depth. Sand gravel and mud of alluvial, lacustrine and littoral origin (Qh).
•	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.
✕	Construction material/industrial mineral/gemstone location.

SOURCE DIAGRAM

Geology by C.J. Jackman, B.Sc.(Hons) and G.V. Cumming, B.Sc.(Hons) 2022 from the following sources (see source diagram):

- A C.J. Jackman. 1:25 000 scale geological mapping, 2019.
- B G.V. Cumming. 1:25 000 scale geological mapping, 2019.
- C J.L. Everard. 1:25 000 scale geological mapping, 2019.
- D Jamieson, A. 1969. Geoparco Limited Progress Report for Exploration License EL509. TCR Report 69-0076.

REFERENCE THIS MAP AS:
JACKMAN, C.J. and CUMMING, G.V. 2022. Digital Geological Atlas 1:25 000 Scale Series, Sheet 2259 Reekara. 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.

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LOCATION DIAGRAM

INDEX TO ADJOINING SHEETS

NEW YEAR	EGG LAGOON
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LOORANA	SEA ELEPHANT

1:25 000 maps available.

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