Department of State Growth
MINERAL RESOURCES TASMANIA

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
EGG LAGOON, SHEET 2460

EGG LAGOON

Scale 1:25 000

0 500 1000 1500 2000 2500m

Tasmanian Government

240000mE 41 42 43 44 45 46 47 48 49 250000mE 51 52 53 54 55 56 57 58 59 260000mE
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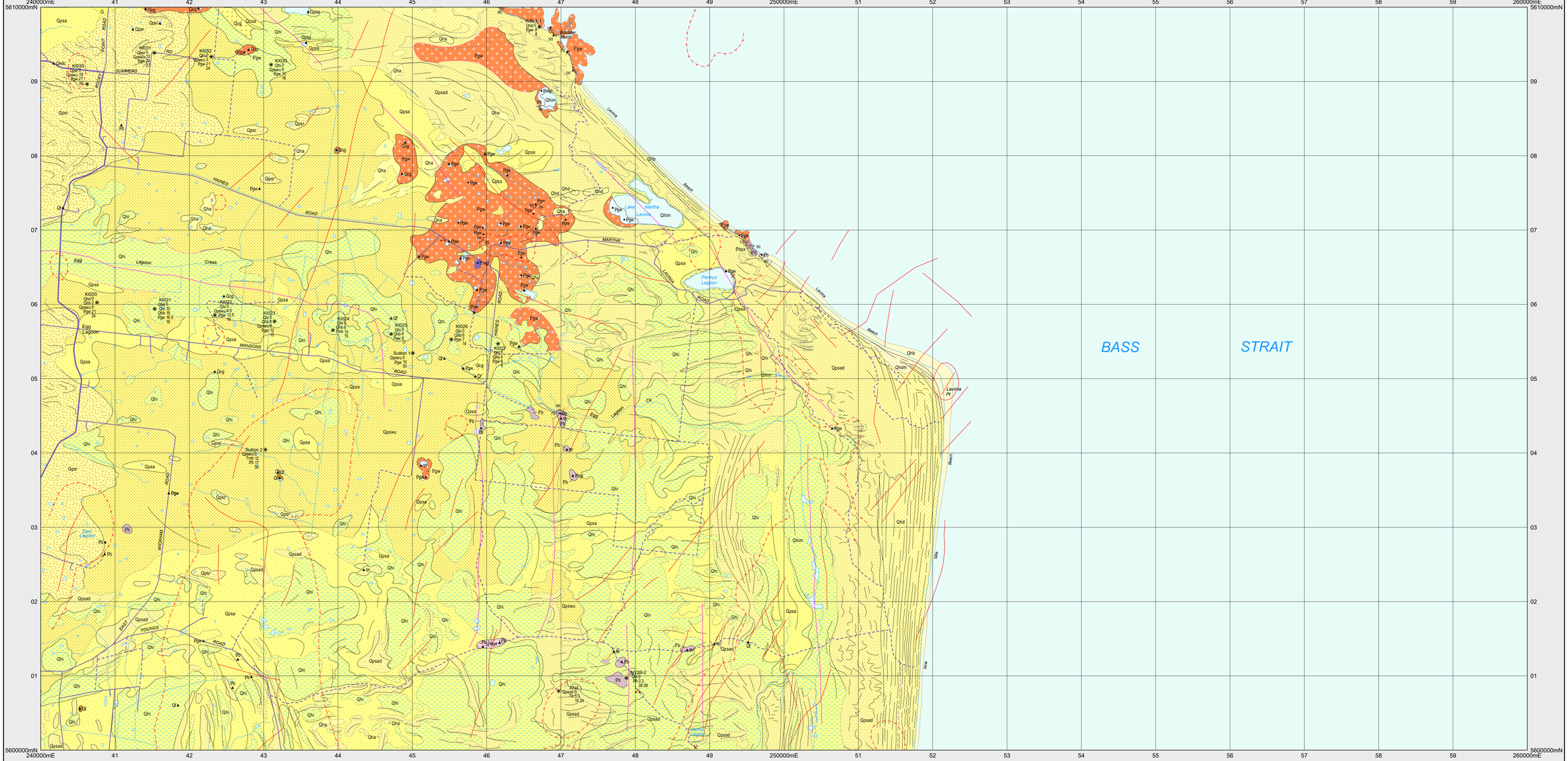


CENOZOIC

QUATERNARY

HOLOCENE

- Qhb — *Undifferentiated Quaternary deposits (Q). Mobile beach and dune sand (Qhb).*
- Qhdm — *Mobile dune sand (Qhdm).*
- Qhd — *Vegetated dune sand (Qhd).*
- Qhdc — *Vegetated calcareous dune sand (Qhdc).*
- Qhi — *Lagoon and paralic swamp deposits (Qhi); paralic lagoon and swamp deposits of clay, silt, sand and minor gravel (Qhim).*
- Qha — *Stream alluvium, swamp and marsh deposits (Qha).*
- Qcg — *Colluvium - clayey quartz-granule gravel derived from granitic rocks (Qcg).*
- Qpsa — *Stabilised aeolian sand of coastal plain (Qpsa).*
- Qpsad — *Areas of unit Qpsa with preserved relict dune landforms (Qpsad).*

PLEISTOCENE

- Qpsr — *Older calcareous dune sand with rhizomorph fragments (Qpsr).*
- Qpswu — *Older aeolian dune sand and minor clay, peat and gravel (Qpswu).*
- Qf — *Ironstone (Qf).*

Q

PALAEOCENE - NEOGENE

PALAEOCENE - EARLY MIOCENE

- Tmb — *Bioclastic shallow marine limestone (bryoza calcarenite) in drillhole intersection (Tmb).*
- Tb — *Basalt in drillhole intersection (Tb).*

Unconformity.

MESO-PROTEROZOIC

ECTASIAN

SURPRISE BAY FORMATION

- Pbsx — *Dominantly fine-grained quartzose sandstone in medium to thick turbidite beds, with interbedded siltstone and pelitic schist; contact metamorphosed (Pbsx).*
- Pbpx — *Unit Pbp contact metamorphosed (Pbpx).*
- Pb — *Fine-grained quartzose metasandstone, metasiltstone and quartz-mica schist (Pb).*
- Pbgl — *Thick-bedded fine-grained quartz sandstone and subordinate pelitic siltstone with metamorphic biotite ± garnet and rare andalusite (Pbgl).*

INTRUSIVE ROCKS

NEOPROTEROZOIC

TONIAN ?

- qv — *Quartz vein (qv).*
- Pmgl — *Tholeiitic dolerite dykes; younger than Tonian granites (Pmgl).*
- Pgw — *Dominantly fine-grained grey aphyric to sparsely porphyritic microgranite, locally with minor later intrusions of coarse-grained granite (Cape Wickham Granite, dated at 762 ± 14Ma, U-Pb on zircon, Black et al., 1997) (Pgw).*

CONTACTS

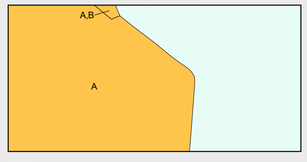
- *Geological contact.*
- *Geological contact - inferred from radiometric data.*
- *Geological contact - based on interpretation of aerial photograph.*
- *Limit of detailed mapping.*

LINEARS

- *Lineament - visible on aerial photographs.*
- *Lineament - visible in magnetic data.*
- *Lineament - visible in radiometric data.*
- *Magnetic gradient or lineament (direction towards lower values indicated).*

- *Dip of geological contact of unspecified type.*
- *Strike and dip of bedding, facing unknown.*
- *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.*
- *Trend and plunge of minor fold hinge line, unspecified relative age.*
- *Strike and dip of dominant joint set.*
- *Strike of dyke or vein. Quartz-tourmaline as vein or small body (qtv).*
- *Borehole location with name, depth of rock units encountered, and final depth.*
- *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 - alluvial/tailings.*

SOURCE DIAGRAM



- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg.1:25 000 map or equivalent detail).
- Regional systematic (eg.1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Geology by G.V. Cumming, B.Sc.(Hons), 2021 from the following sources (see source diagram):

A G.V. Cumming field mapping. Egg Lagoon 2020-2021.

B J.L. Everard field mapping. Egg Lagoon 2020-2021.

REFERENCE THIS MAP AS:

CUMMING, G.V. 2021. Digital Geological Atlas 1:25 000 Scale Series. Sheet 2460 Egg Lagoon. Mineral Resources Tasmania.

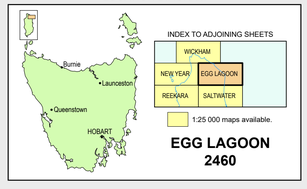
Base data from the LIST, Copyright State of Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.

Website: www.mrt.tas.gov.au

GDA94 - MGA Zone 55. Contour Interval: 20 metres.

LOCATION DIAGRAM



Map generated: 24-NOV-2025

WARNING: INKS ARE LIGHT SENSITIVE.