Department of State Growth
MINERAL RESOURCES TASMANIA

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
BEAUMARIS, SHEET 6041

BEAUMARIS

Scale 1:25 000

0 500 1000 1500 2000 2500m

Tasmanian Government

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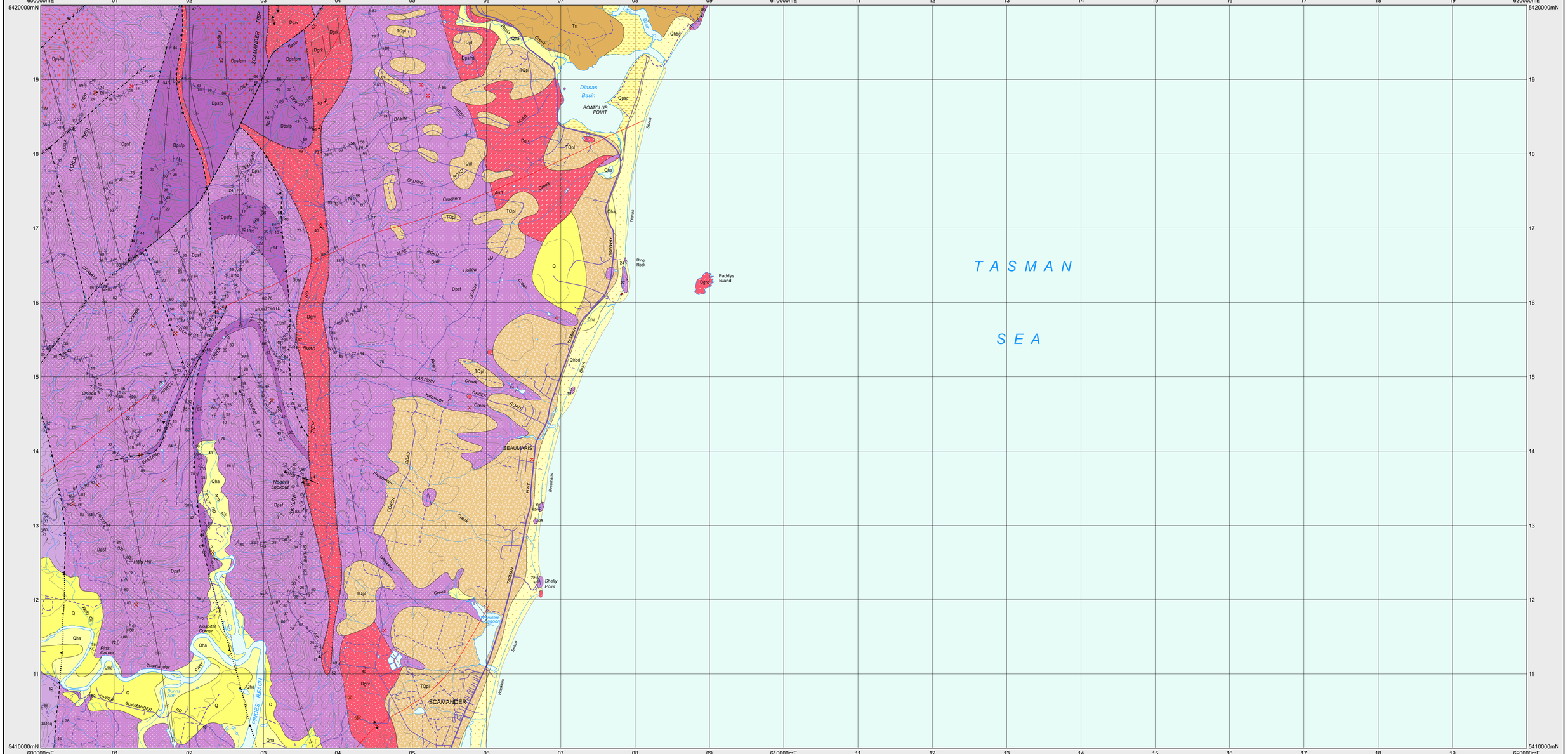
5420000mN 19 18 17 16 15 14 13 12 11 5410000mN



CENOZOIC

QUATERNARY

Q — Undifferentiated Quaternary sediments (Q).

Qha — Stream alluvium, swamp and marsh deposits (Qha).

Qhbd — Active dune and beach sand and beach gravel (Qhbd).

Qpsc — Clay, sand and gravel with minor peat. May have ferrugious cement and contains marine shells (Qpsc).

PALEOGENE - NEOGENE

Erosion surface.

TQpl — Gravel, sand and derived lag (TQpl).

Ts — Conglomerate, gravel, sand and derived lag (Ts).

Erosion surface.

PALEOZOIC

SILURIAN (?) - DEVONIAN

LOWER(?) - DEVONIAN

Dpsf, Dpsfm — Turbidite succession dominated by quartz-rich sandstones with minor siltstone and mudstone. Current related sedimentary structures abundant. Contains Devonian marine macrofossils, graptolites and vascular plant fossils (Dpsf). Contact metamorphosed Dpsf (Dpsfm).

Dpsfp, Dpsfpm — Maggable mudstone-rich units within Dpsf (Dpsfp). Contact metamorphosed Dpsfp (Dpsfpm) (Dpsf, Dpsfp, Dpsfm, Dpsfpm - Scamander Formation).

SDpq — Turbidite succession dominated by quartz-rich sandstones with interbedded massive grey mudstones which locally predominate. Current related sedimentary structures common in coarser sandstones. No fossils recorded (SDpq).

PANAMA GROUP — MATHINNA SUPERGROUP

IGNEOUS ROCKS

DEVONIAN (?)

Dd — Dolerite dyke (Dd).

MINOR GRANITIC INTRUSIONS

Dgafl — Leucocratic muscovite granite (Dgafl).

BLUE TIER BATHOLITH

DEVONIAN — MIDDLE DEVONIAN

Dgrv, Dgrk — Coarse- to fine-grained, variably porphyritic granodiorite (Dgrv).
Coarse- to fine-grained, porphyritic (very abundant large K-feldspar phenocrysts) granodiorite, with minor or no hornblende (Dgrk).
(Dgrv, Dgrk - Scamander Tier Granodiorite; I-type).

DEVONIAN — LOWER DEVONIAN

Dgrc — Coarse-grained, sparsely porphyritic biotite-hornblende granodiorite (George River Granodiorite; I-type) (Dgrc).

Dgdc — Coarse-grained diorite (Dgdc).

CONTACTS

- Geological contact.
- Geological contact - inferred.
- Unconformable lithological contact.
- Metamorphic contact.
- Igneous intrusive contact.
- Igneous intrusive contact with associated chilled or fine-grained marginal zone in igneous body.
- Limit of mapping of sub-unit within undifferentiated rock unit.
- Limit of detailed mapping.

FAULTS

- Fault.
- Thrust fault (teeth on upper plate) - inferred.
- Thrust fault (teeth on upper plate) - concealed.
- Strike-slip fault (sinistral).
- Strike-slip fault (sinistral) - inferred.

LINEARS

- Axial surface trace of major F_1 anticline.
- Axial surface trace of major F_1 syncline.
- Subsurface geological boundary projected to surface.
- Lineament - visible in magnetic data.

- Strike and dip of bedding - right way up; overturned; facing unknown; vertical facing unknown.
- Strike and dip of cleavage - unspecified type and relative age; vertical; relative local age S1; vertical, relative local age S1.
- Trend and plunge of minor fold hinge line, relative local age F1, with dip and dip direction of axial surface; relative local age F2; relative local age F2, with dip and dip direction of axial surface; vertical.
- Trend of horizontal minor fold hinge line, relative local age F1, with dip and dip direction of axial surface.
- Trend and plunge of chevron-fold hinge line, unspecified relative age, with dip and dip direction of axial surface; vertical.
- Generalised paleocurrent direction, showing sense of movement.
- Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock; vertical.
- Field station for adjacent readings on the map.
- Mineral deposit location - hardrock.
- Construction material/industrial mineral/gemstone location.

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.

Compiled by M.P. McClenaghan, B.Sc.(Hons), Ph.D., 2002 from the following sources (see source diagram):

A McCLENAGHAN, M.P., TURNER, N.J., WILLIAMS, P.R. 1987. Geological Atlas 1:50 000 Series. Sheet 41 (8515S), St Helens. Tasmania Department of Mines.

Updated by:

B M.A. Worthing. 2008-2010. Stratigraphic revision and remapping of Mathinna Supergroup supported by interpretation of airborne geophysical data, as part of the TasExplore Project, Mineral Resources Tasmania.

C WORTHING, M.A. and WOOLWARD, I.R. 2010. Explanatory Report for the Dublin Town (5840), Brilliant (5841), Falmouth (6040) and Beaumaris (6041) geological map sheets. 1:25 000 Scale Digital Geological Map Series. Explanatory Report 3.

REFERENCE THIS MAP AS:

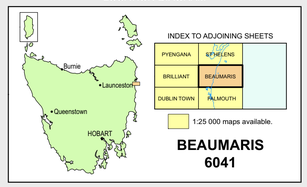
WORTHING, M.A. (compiler) 2010. Digital Geological Atlas 1:25 000 Scale Series. Sheet 6041 Beaumaris. Mineral Resources Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.

Website: www.mrt.tas.gov.au

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

LOCATION DIAGRAM



Map generated: 17-MAY-2024

WARNING: INKS ARE LIGHT SENSITIVE.