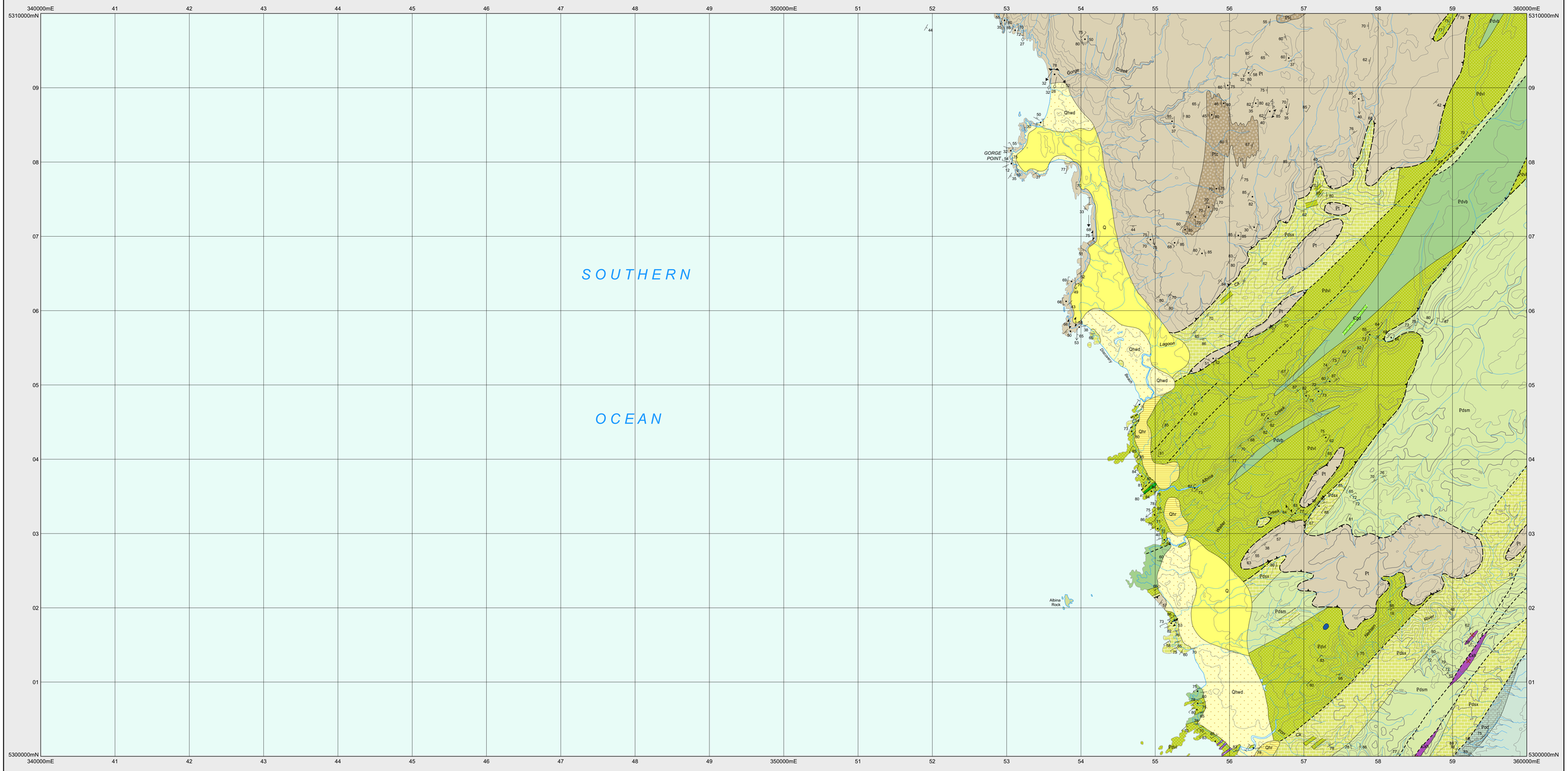
Department of State Growth
MINERAL RESOURCES TASMANIA

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
ALBINA, SHEET 3430

ALBINA

Scale 1:25 000

0 500 1000 1500 2000 2500m



CENOZOIC

QUATERNARY

- **Q** — *Undifferentiated Quaternary (Q).*
- **Qhwd** — *Aeolian dune and sheet sand (Qhwd).*
- **Qhr** — *Raised beach deposits (Qhr).*

NEOPROTEROZOIC

- **Pdvs** — *Undifferentiated variably calcareous or dolomitic mudstone, sandstone and lithicwacke, and including minor basalts and tuffs (Pdvs); mudstone and lithicwacke (Pdvl). (Correlate of Crimson Creek Formation). Basalt with minor interbedded basalt breccias, tuffs and sedimentary rocks including pillowed basalt (Pdvb). (Lucas Creek volcanics).*
  - **Pdvl**
  - **Pdvb**
- **Pdsm** — *Variably calcareous mudstone, siltstone and sandstone (Pdsm). (Possible correlate of Success Creek Group).*
- **Pdsx** — *Sequences of dolomitic mudstone, siltstone and sandstone (Pdsx), with mudstone horizons (Pdsxm). (Possible correlate of Black River Dolomite).*
  - **Pdsxm**

NEO-PROTEROZOIC

- **Pon** — *Metamorphosed interbedded quartzwacke and mudstone/siltstone (Pon). Metamorphosed impure dolomite-rich sequences of mudstone, siltstone and sandstone (Pod). (Correlate of Oonah Formation).*
  - **Pod**

? MESO-PROTEROZOIC

- **Pt** — *Metamorphosed interbedded orthoquartzite, mudstone/siltstone (Pt); with conglomerate horizons (Ptc). (Correlate of Tyennan Region metasediments).*
  - **Ptc**

PALEOZOIC

DEVONIAN

- **Dl** — *Lamprophyre dykes and intrusive bodies (Dl).*

? CAMBRIAN

- **Ꞓxh** — *Hematite ± pyrite bodies (Ꞓxh).*
- **Ꞓbd** — *Mafic dykes with high Mg composition (Ꞓbd).*
- **Ꞓdd** — *Intermediate composition dykes (Ꞓdd).*
- **Ꞓgd** — *Gabbro dykes, intrusive bodies and fault-bounded units (Ꞓgd).*

INTRUSIVE ROCKS AND ALTERATION

CONTACTS

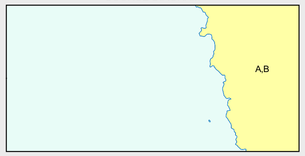
- *Geological contact.*
- *Transitional geological contact.*
- *Limit of mapping of sub-unit within undifferentiated rock unit.*
- *Limit of detailed mapping.*

FAULTS

- *Fault - inferred.*
- *Thrust fault (teeth on upper plate).*

- *Strike and dip of bedding, facing known - right way up; overturned.*
- *Strike and dip of bedding, facing unknown - dipping; vertical.*
- *Strike and dip of cleavage, type and relative age unspecified - dipping; vertical.*
- *Strike and dip of cleavage, relative local age S_1; S_2.*
- *Strike and dip of cleavage, relative local age S_a.*
- *Trend and plunge of hingeline of minor fold; with dip and dip direction of axial surface indicated.*
- *Trend and plunge of hingeline of minor fold, relative local age F_1; F_2.*
- *Trend and plunge of hingeline of minor fold, with dip and dip direction of axial surface indicated, relative local age F_2; F_3.*
- *Strike and dip of dyke or vein, rock type or mineral unspecified.*
- *Field station for adjacent readings on the map.*
- *Mineral deposit location - hardrock.*

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 D.C. Green, B.Sc.(Hons), Ph.D., 2000 from the following source (see source diagram):

A McCLENAGHAN, M.P., FINDLAY R.H. 1989. Geological Atlas 1:50 000 Series. Sheet 64 (7913S), Macquarie Harbour. Tasmania Department of Mines.

Updated as part of the Western Tasmanian Regional Minerals Program by:

B CORBETT, K.D. 2004. Updating and revision of the 1:25 000 scale series geological maps covering the Mt Read Volcanics belt in western and northwestern Tasmania. Tasmanian Geological Survey Record 2004/03. Mineral Resources Tasmania.

REFERENCE THIS MAP AS:

GREEN, D.C. (compiler) 2000. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3430 Albina. 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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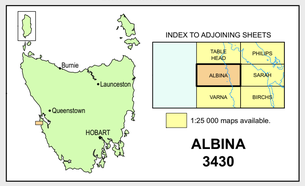
LOCATION DIAGRAM



Map generated: 05-JUN-2024

WARNING: INKS ARE LIGHT SENSITIVE.