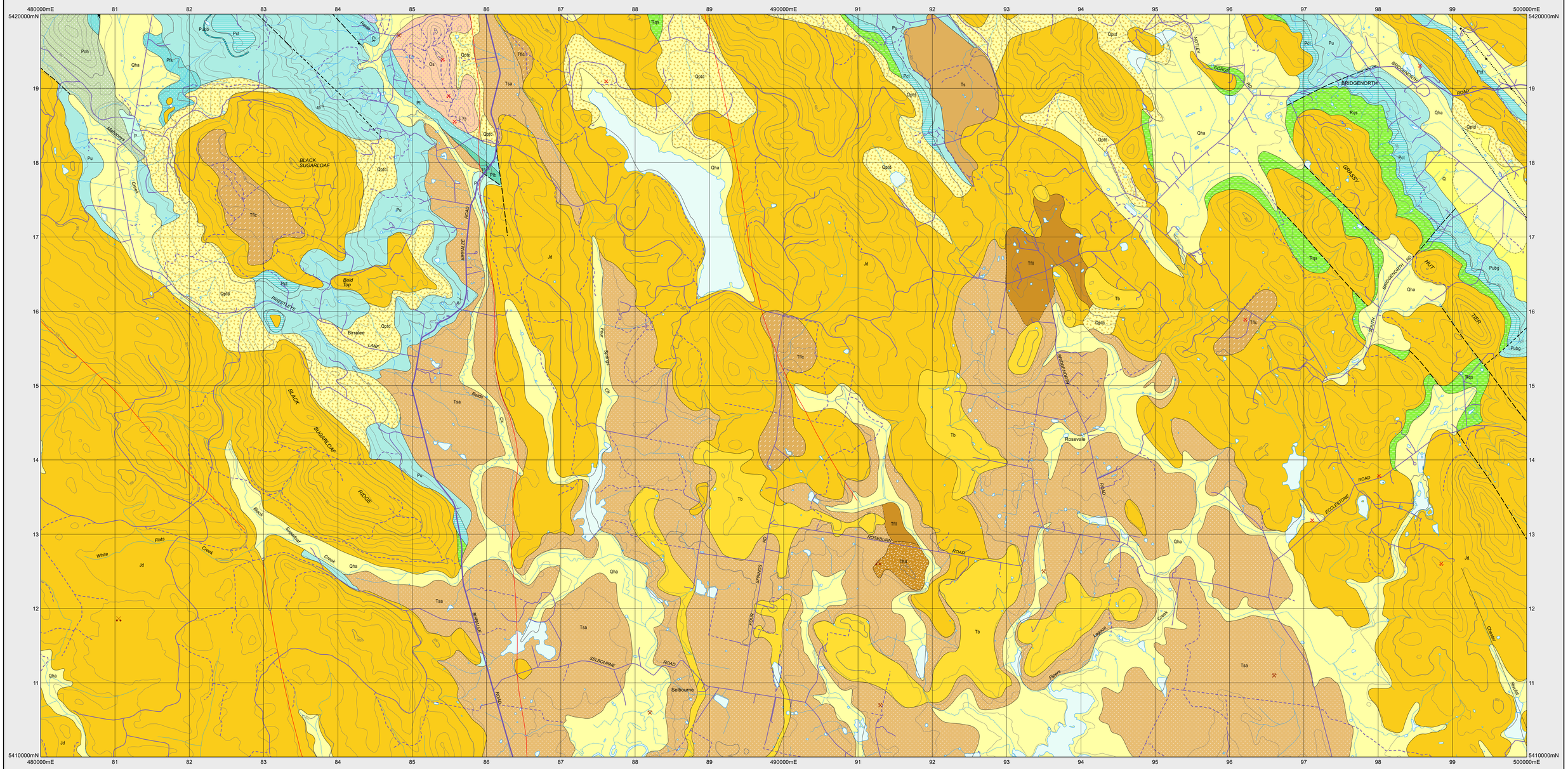
Department of State Growth
MINERAL RESOURCES TASMANIA

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
BRIDGENORTH, SHEET 4841

BRIDGENORTH

Scale 1:25 000

0 500 1000 1500 2000 2500m



CENOZOIC

QUATERNARY

HOLOCENE

- **Qha** — *Undifferentiated Quaternary sediments (Q). Stream alluvium, swamp and marsh deposits (Qha).*
- **Qptb** — *Basalt talus (Qptb).*
- **Qptd** — *Talus consisting dominantly of dolerite boulders (Qptd).*
- **Qpto** — *Quartz sandstone and conglomerate talus derived from Owen Group correlates (Qpto).*

PLEISTOCENE

- **Q**

NEOGENE

- **Tfll** — *Laterite developed on Paleogene - Neogene sediments (Tfll).*
- **Tfld** — *Laterite derived from Jurassic dolerite (Tfld).*

PALEOGENE

- **Ts** — *Undifferentiated Paleogene - Neogene sediments; dominantly non-marine sequences of quartz sand, silt, clay, and regolith (Ts).*
- **Tb** — *Basalt (Tb).*
- **Tflc** — *Clay with iron oxide pisoliths (Tflc).*
- **Tsa** — *Poorly consolidated clay, silt and clayey labile sand with rare gravel and lignite; some iron oxide-cemented layers and concretions; some leaf fossils (Tsa).*

MESOZOIC

TRIASSIC

- **Rqs** — *Cross-bedded quartz sandstone, feldspathic sandstone and shale (Rqs).*

PERMIAN

- **Pct** — *Undifferentiated Permo-Carboniferous sediments (P). Carbonaceous sandstone and shale (Clog Tom Sandstone) (Pct).*
- **Pubb** — *1 to 2m thick resistant unit of siliceous granule to pebble conglomerate (Blackwood Conglomerate) (Pubb).*
- **Pubg** — *Predominantly unfossiliferous mudstone and sandy mudstone (Pu); siltstone, pebbly silstone and sandstone of Bogan Gap Group (Pubg).*
- **Pu** — *Dominantly well-sorted quartz sandstone, normally cross-bedded or laminated and commonly with interbedded and laminated carbonaceous shale, lesser conglomerate and rare coal (Liffey Sandstone) (Pfs).*
- **Pfs** — *Pebbly mudstone, fossiliferous sandstone and minor conglomerate (Plb).*
- **Plb** — *Basal tillite (Pt).*
- **Pt** — *Quartz sandstone, laminated siltstone and shale (SD).*

PALEOZOIC

DEVONIAN - SILURIAN

- **SD** — *Pink to grey quartz sandstone with minor conglomerate, siltstone and calcareous sandstone. Typically well bedded to cross bedded (Os).*

ORDOVICIAN

- **Os** — *Sandstone, slate and phyllite (Poh).*

NEO - PROTEROZOIC

- **Poh**

UPPER PARMEENER SUPERGROUP
LOWER PARMEENER SUPERGROUP
ELDON GROUP
CORRELATE OF OWEN GROUP
BADGER HEAD GROUP

INTRUSIVE ROCKS

MESOZOIC — JURASSIC

- **Jd** — *Dolerite and related rocks (Jd).*

CONTACTS

- *Geological contact.*
- *Geological contact - inferred.*
- *Limit of mapping of sub-unit within undifferentiated rock unit.*

FAULTS

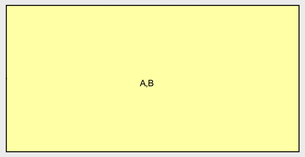
- *Fault.*
- *Fault - inferred.*
- *Fault - concealed.*
- *Normal fault (downthrown side indicated).*
- *Normal fault (downthrown side indicated) - concealed.*

LINEARS

- *Lineament - visible on aerial photographs.*
- *Lineament - visible in magnetic data.*

- *Strike and dip of bedding, facing unknown.*
- *Strike and dip of bedding, right way up.*
- *Mineral deposit location - hardrock.*
- *Mineral deposit location - alluvial/tailings.*
- *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.J. Vicary, 2004 as part of the Western Tasmanian Regional Minerals Program, from the following sources (see source diagram):

A GULLINE, A.B., BRAVO, A.P. and NAQVI, I.H. 1973. Geological Atlas 1:63 360 Series. Sheet 38 (82153), Frankford. Tasmania Department of Mines.

B Vicary, M. 2005. Additional map compilation and review of existing maps in western Tasmania. Mineral Resources Tasmania UR2005/05.

REFERENCE THIS MAP AS:

VICARY, M. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series Sheet 4841 Bridgenorth. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.

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Website: www.mrt.tas.gov.au

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

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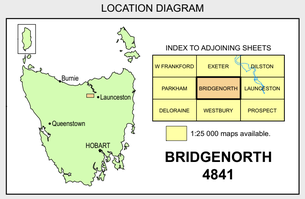
LOCATION DIAGRAM



Map generated: 21-SEP-2023

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