Department of Infrastructure Energy and Resources
MINERAL RESOURCES TASMANIA

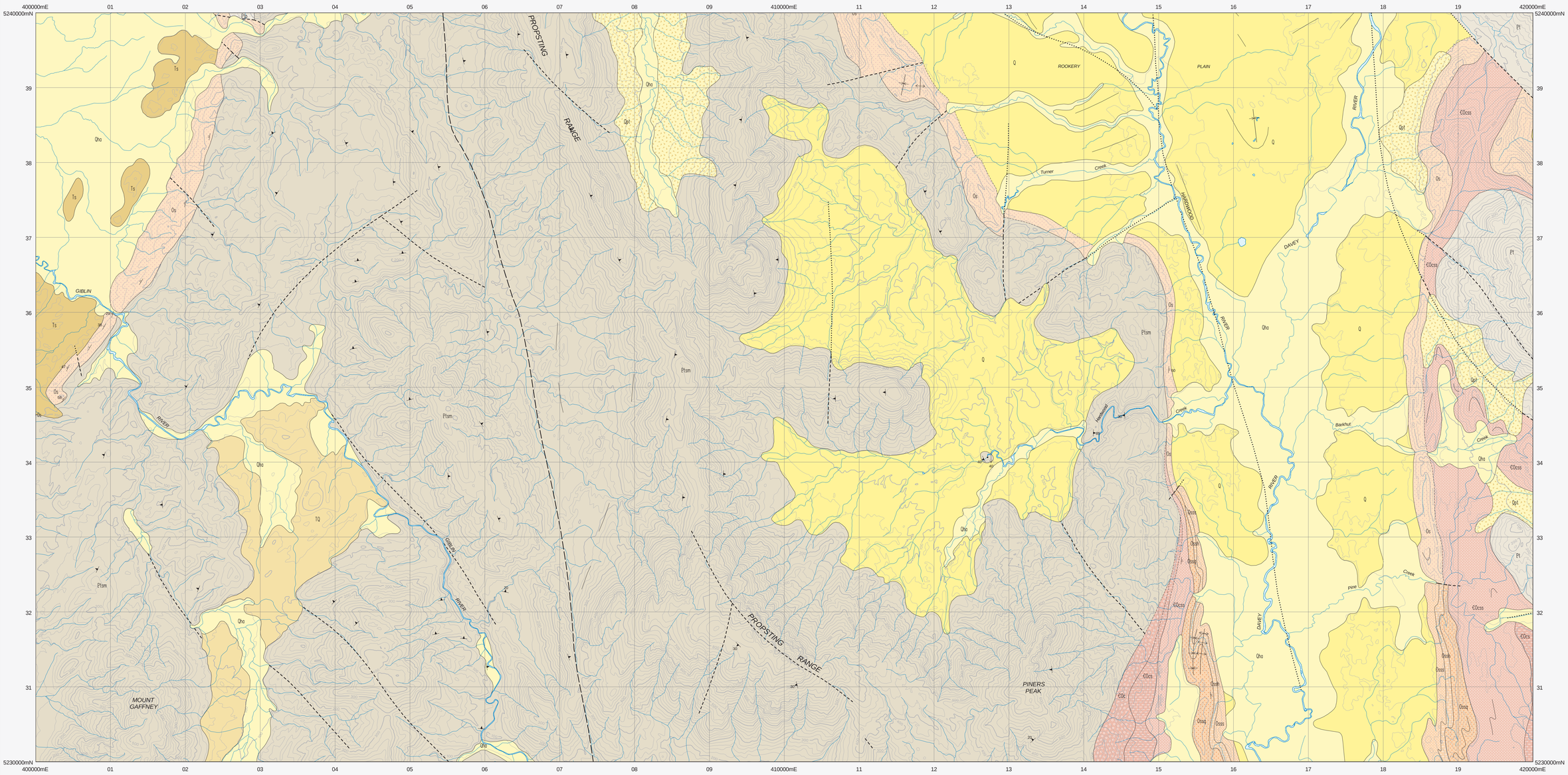
DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
PROPSTING, SHEET 4023

PROPSTING

Scale: 1:25 000

0 500 1000 1500 2000 2500m

Tasmania
Explore the possibilities



CENOZOIC

PALEOGENE – NEOGENE — QUATERNARY

- **Q** — *Undifferentiated Quaternary sediments (Q).*
  - **Qha** — *Stream alluvium, swamp and marsh deposits (Qha).*
  - **Qpt** — *Talus, till and scree of probable Pleistocene age (Qpt).*
- **TQ** — *Undifferentiated Cenozoic sediments (TQ).*
- **Ts** — *Predominantly unconsolidated gravels, commonly rounded (Ts).*

PALEOZOIC

ORDOVICIAN — GORDON GROUP

- **Os** — *Predominantly grey quartz sandstone, commonly bioturbated or cross bedded. Minor coarse sandstone, pebbly sandstone and conglomerate at base. Probable correlate of Moina Sandstone (Os).*
  - **Osss** — *White sandstone (Osss).*
  - **Ossh** — *Dominantly shale (Ossh).*
  - **Ossq** — *Interbedded fossiliferous and bioturbated quartzose sandstone, granule–pebble grade conglomerate and shale (Ossq).*

CAMBRIAN — ? FURONGIAN — CORRELATES OF OWEN GROUP

- **€Ocss** — *Well bedded, commonly graded sandstone and siltstone (€Ocss).*
- **€Ocs** — *Predominantly pebbly sandstone with minor siltstone (€Ocs).*
- **€Oc** — *Massive pebble–cobble grade siliceous conglomerate (€Oc).*

MESOPROTEROZOIC — TASMAN REGION METASEDIMENTARY ROCKS

- **Pt** — *Metamorphic rocks, dominantly metaquartzite and metapelite (Pt).*
  - **Ptsm** — *Quartzite with interlayered quartz–mica and mica–quartz phyllite (Ptsm).*
  - **Ptp** — *Dominantly phyllite (Ptp).*

Geological boundary – position approximate.
Geological boundary – inferred.
Fault – position approximate.
Fault – inferred.
Fault – concealed.
Lineament visible on aerial photographs.
Axial surface trace of major antiform.
Axial surface trace of major synform.

Strike and dip of bedding – right way up; facing unknown.
Trend and plunge of minor fold hinge line, unspecified relative age.
Strike and dip of metamorphic foliation other than cleavage.
Field station for adjacent readings on the map.

Compiled by W.D.M. Hall and M.J. Vicary 2006 from the following sources (see responsibility diagram):

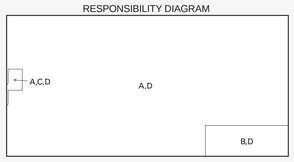
A Hall, W.D.M et al. 1969. 1 Inch:Mile De Witt Geological Map. Broken Hill Proprietary Company Limited. TCR 69_0555.

B Bowen, E.A. and Maclean, C.J. 1971. Palaezoic rocks of the Davey River, South–west Tasmania. Pap. Proc. Roy. Soc. Tasm. 105: 21 – 28.

C Limited traverses by W.D.M. Hall and M.J. Vicary, 2006.

D Air photograph interpretation by W.D.M. Hall and M.J. Vicary, 2006.

RESPONSIBILITY DIAGRAM



REFERENCE THIS MAP AS:

HALL, W.D.M and VICARY, M.J. (compilers) 2006. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4023. Propsting. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.

Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.

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

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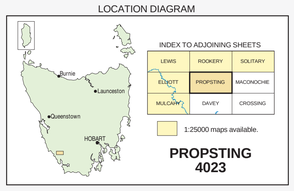
LOCATION DIAGRAM



Plotfile for this map generated from digital data as at: 01-FEB-2012

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