Department of Infrastructure Energy and Resources
MINERAL RESOURCES TASMANIA

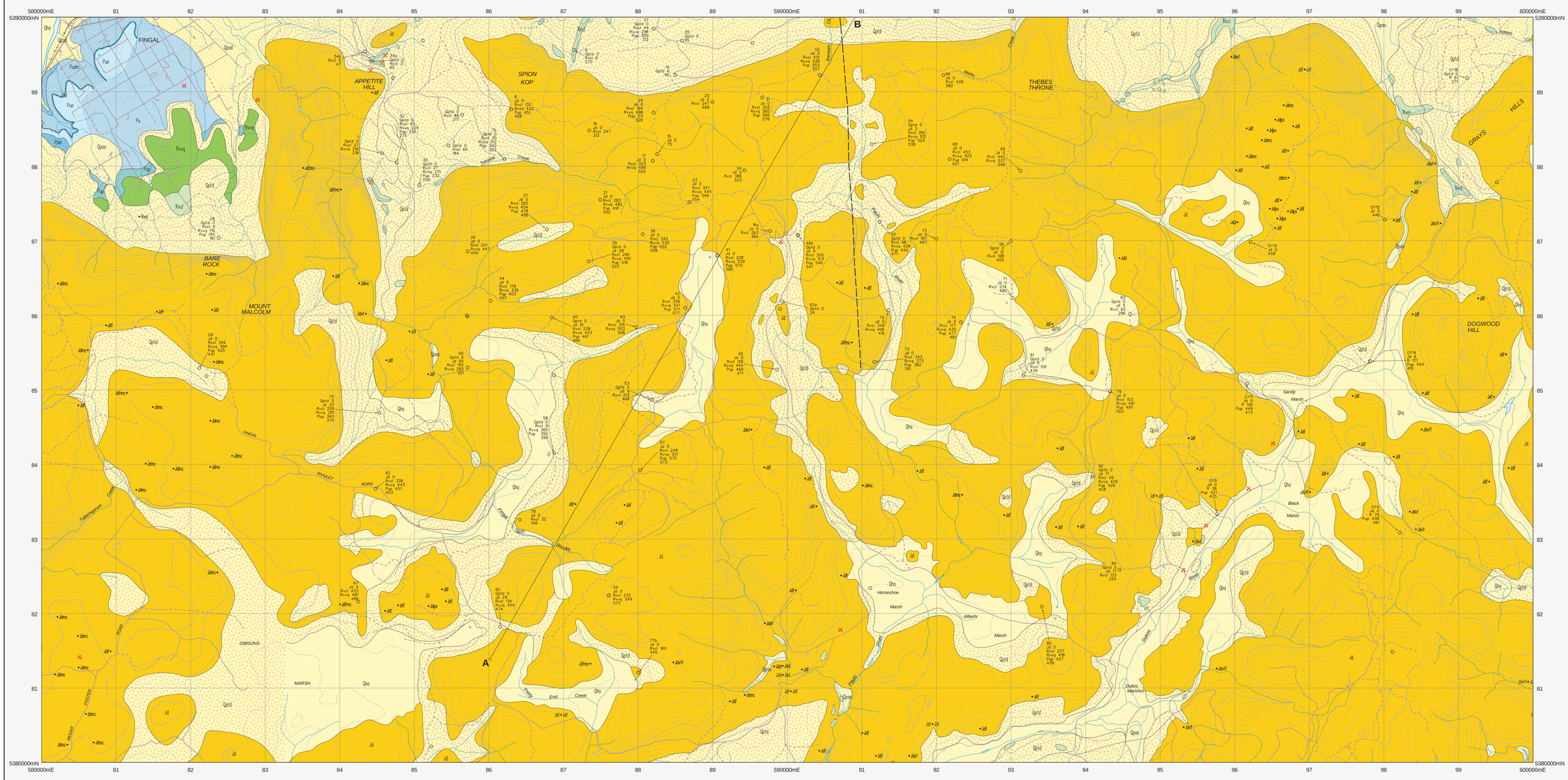
DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
FINGAL, SHEET 5838

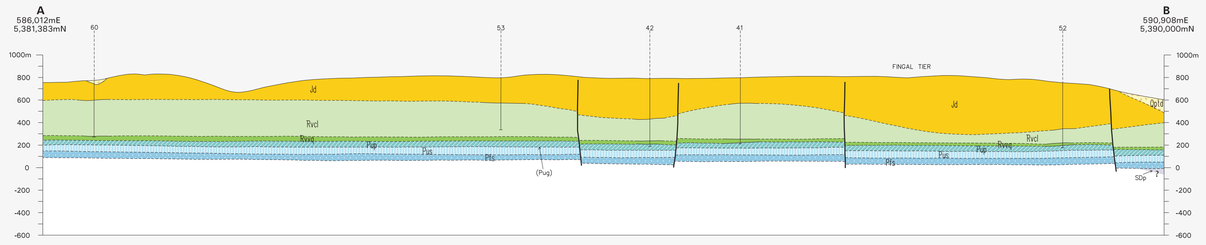
FINGAL

Scale: 1:25 000

0 500 1000 1500 2000 2500m

Tasmania
Explore the possibilities





Section V:H = 1:1
Units thinner than line width indicated by bracketed symbol

CENOZOIC

QUATERNARY — PLEISTOCENE – HOLOCENE

- Qha — *Stream alluvium, swamp and marsh deposits (Qha).*
- Qptd — *Talus consisting dominantly of dolerite boulders (Qptd).*
- Qpad — *Older alluvium of river terraces, predominantly dolerite derived (Qpad).*
- Qpao — *Older alluvium of river terraces (Qpao).*

Erosional surface.

MESOZOIC

TRIASSIC — UPPER PARMEENER SUPERGROUP

- R — Rvcl — *Dominantly lithic sandstone with minor mudstone and coal (Rvcl).*
- R — Rvvq — *Dominantly quartz sandstone (Rvvq).*

Erosional surface.

PALEOZOIC

PERMIAN — LOWER PARMEENER SUPERGROUP

- Pu — Pup — *Upper glaciomarine sequences of pebbly mudstone, pebbly sandstone and limestone (Pu). Poorly sorted grey mudstone, siltstone and rare sandstone, unfossiliferous except for rare forams (Pup).*
- Pug — *Thickly bedded usually poorly sorted sandstone passing upwards into interbedded sandstone, siltstone and mudstone. Marine fossils abundant in places (Pug).*
- Puel — *Dominantly bioclastic limestone (Puel).*
- Pus — Pue — *Marine fossiliferous mudstone, siltstone and minor sandstone and bioclastic limestone (Pue).*
- Pus — Puf — *Fine grained pebbly sandstone with phosphatic nodules. Marine fossils present in some areas (Puf).*
- Pus — Pudm — *Mudstone siltstone and poorly sorted sandstone. Uncommon marine fossils (Pudm).*
- Pfs — *Dominantly well sorted quartz sandstone, usually cross-bedded and commonly with interbedded and interlaminated carbonaceous shale, lesser conglomerate and rare coal (Pfs).*

SILURIAN(?) – DEVONIAN — MATHINNA SUPERGROUP

- SDp — *Quartzwacke turbidite sequence of interbedded sandstone siltstone and mudstone with sandstone dominant (SDp).*

IGNEOUS ROCKS

MESOZOIC — JURASSIC

- Jd — *Dolerite and related rocks (Jd). Dolerite containing late aphanitic dykes (Jdd). Dolerite, very fine grained (0.2–0.7mm) (Jdvf). Dolerite, very fine to fine grained (0.2–1.5mm) (Jdfm). Dolerite, fine grained (0.7–1.5mm) (Jdf). Dolerite, fine to coarse grained (0.7–>1.5mm) (Jdfmc). Dolerite, medium to coarse grained (>1.5mm) (Jdmc). Dolerite, porphyritic (Jdpx).*

Geological boundary – position approximate.
Geological boundary – inferred.
Unconformable boundary – position accurate or approximate.
Intrusive boundary – position accurate or approximate.
Fault – position approximate.
(white line) Limit of mapping of sub-unit within undefferentiated rock unit.

- *Notable small outcrop, lithology indicated.*
- O 24 Jd 0 Rcvl 18.3 221 — *Borehole with identification number, depth of rock units encountered, and final depth.*
- *Mineral deposit location – hardrock*
- *Construction material/industrial mineral/gemstone location*

Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

Compiled by D.C.Green, B.Sc.(Hons), Ph.D., 2007 from the following sources (see responsibility diagram):

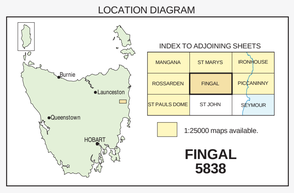
A CALVER, C.R., EVERARD, J.L., FINDLAY, R.H. and LENNOX, P.G. 1988. Geological Atlas 1:50 000 series, sheet 48 (8414N) Ben Lomond.

B TURNER, N.J., CALVER, C.R., CASTLEDEN, R.H. and BAILLIE, P.W. 1984. Geological Atlas 1:50 000 series, sheet 49 (8514N) St Marys.

RESPONSIBILITY DIAGRAM

A	B

LOCATION DIAGRAM



REFERENCE THIS MAP AS:

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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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