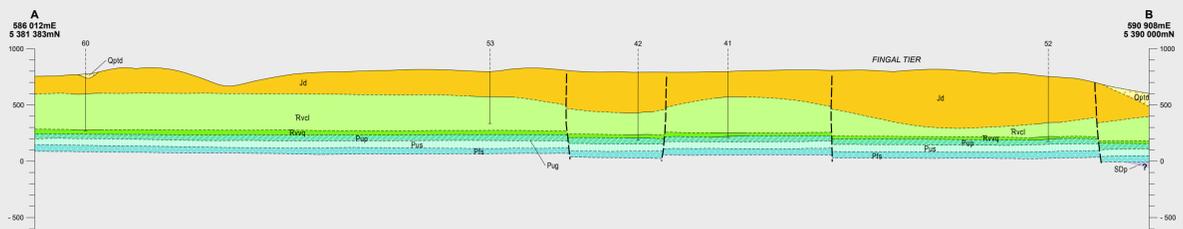
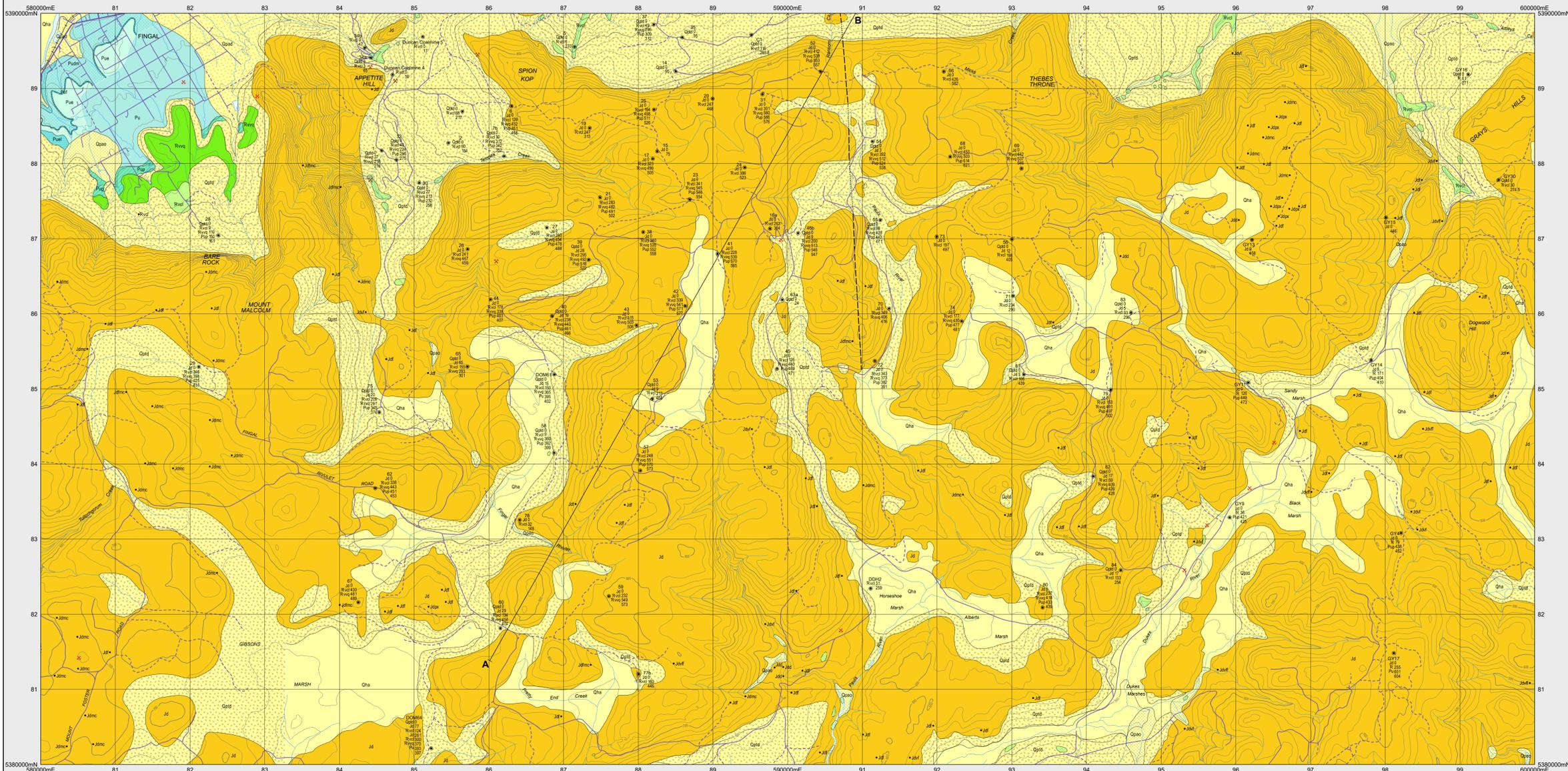


# FINGAL

Scale 1:25 000



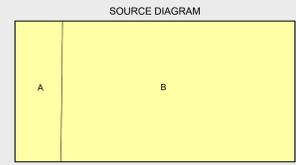
SECTION V:H = 1:1  
UNITS THINNER THAN LINE WIDTH INDICATED BY BRACKETED SYMBOL

CEANOZOIC	
QUATERNARY	Qha Stream alluvium, swamp and marsh deposits (Qha).
	Qpat Talus consisting dominantly of dolerite boulders (Qpat).
	Qpas Older alluvium of river terraces, predominantly dolerite derived (Qpas).
	Qpan Older alluvium of river terraces (Qpan).
Erosional surface.	
MESOZOIC	R Undifferentiated Upper Permian Supergroup rocks (R).
	Rvci Dominantly igneous sandstone with minor mudstone and coal (Rvci).
PALEOZOIC	Pup Upper glauconitic sequences of pebbly mudstone, pebbly sandstone and limestone (Pup).
	Pug Thickly bedded usually poorly sorted sandstone passing upwards into interbedded sandstone, siltstone and mudstone. Marine fossils abundant in places (Pug).
	Pu Dominantly bioclastic limestone (Pu).
	PuM Marine bioclastic mudstone, siltstone and minor sandstone and bioclastic limestone (PuM).
	PuF Fine grained pebbly sandstone with phosphatic nodules. Marine fossils present in some areas (PuF).
	PuMn Mudstone siltstone and poorly sorted sandstone. Uncommon marine fossils (PuMn).
SILURIAN(-)	PS Dominantly well sorted quartz sandstone, usually cross-bedded and commonly with interbedded and interstratified carbonaceous shale, lesser conglomerate and rare coal (PS).
	SDp Quartzwacke turbidite sequence of interbedded sandstone siltstone and mudstone with sandstone dominant (SDp).

IGNEOUS ROCKS	
Jd	Dolerite and related rocks (Jd). Dolerite containing late sphenitic dikes (Jd). Dolerite, very fine grained (0.2-0.7mm) (JdF). Dolerite, very fine to fine grained (0.2-1.5mm) (JdM). Dolerite, fine grained (0.7-1.5mm) (JdG). Dolerite, fine to coarse grained (>1.5mm) (JdC). Dolerite, medium to coarse grained (>1.5mm) (JdM). Dolerite, porphyritic (JdP).

CONTACTS	
—	Geological contact
- - -	Geological contact - inferred
- . - . -	Unconformable lithological contact
- - -	Agnese intrusive contact
- . - . -	Limit of mapping of sub-unit within undifferentiated rock unit
- - -	Erosional surface
- . - . -	Limit of detailed mapping
FAULTS	
- - -	Fault
- . - . -	Fault - concealed

- Notable small outcrop with rock unit indicated.
- ✕ Mineral deposit location - hardrock.
- ✕ Construction material/industrial mineral/gemstone location.
- Borehole location with name, depth of rock units encountered, and final depth.

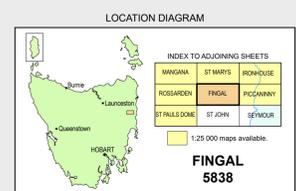


- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg. 1:25 000 map or equivalent detail).
- Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance 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., 2007 from the following sources (see source diagram):  
A CALVER, C.R., EVERARD, J.L., FINGAL, R.H. and LENNOX, P.G., 1986. Geological Atlas 1:50 000 series, sheet 48 (B414N), 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 (B514N), St Marys.

REFERENCE THIS MAP AS:  
GREEN, D.C., 2007 (compiler), Digital Geological Atlas 1:25 000 Scale Series, Sheet 5838 Fingal, Mineral Resources Tasmania.

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Website: www.mrt.tas.gov.au  
GD94 - MGA Zone 55, Contour Interval: 20 metres.



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