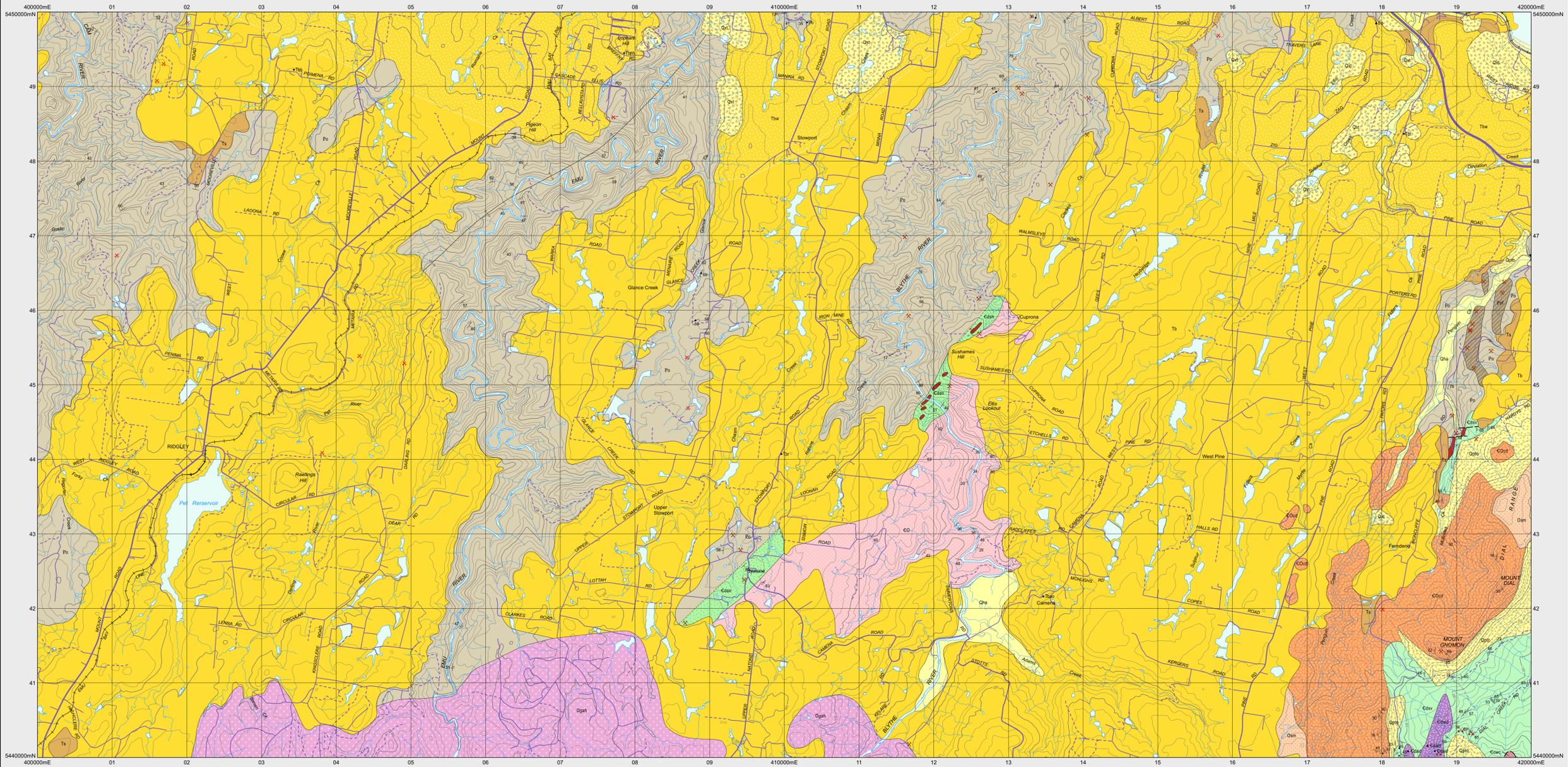


# STOWPORT

Scale 1:25 000



CENOZOIC

QUATERNARY	
Qhmm	Man-made deposits (Qhmm).
Qhd	Beach sand, sand dunes and beach gravel (Qhd).
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhw	Sand of stabilised longitudinal beach ridges (Qhw).
Qhc	Colluvium (Qhc).
PLEISTOCENE	
Qpsa	Older stabilised aeolian sand of coastal plain (Qpsa).
Qpb	Basalt tuffs (Qpb).
Qpt	Quartz sandstone and conglomerate talus derived from Owen Group corrieles (Qpt).
Tbw	Predominantly deeply-weathered basalt (Tbw).
Tb	Basalt (Tb), Olivine tholeiite (Tto), transitional olivine basalt (Ttr), alkali olivine basalt (Tob), basaltic (Tba), nepheline trachyte (Tnt) indicated.
Ts	Terrestrial sand, gravel and lacustrine deposits (Ts).

PALEOZOIC

CAMBRIAN	
Os	Grey poorly sorted fine-grained sandstone, commonly bioturbated (correlative of Moira Sandstone) (Os).
CO	Pebble-cobble siliceous conglomerate and coarse-grained sandstone with abundant quartzite and chert clasts (Owen Conglomerate) (CO).
Edsv	Marine volcano-sedimentary and sedimentary sequences of sandstone, siltstone, mudstone, conglomerate and breccia with some felsic to intermediate volcanic rocks (correlative of Western Volcano-Sedimentary Sequence) (Edsv).
Edsn	Siliceous siltstone in the Natorne-Ferndene area (Edsn).
Edst	Hematite-magnetite-pyrrhotite mineralisation within Edsn (Edst).
Edcc	Pale to dark grey or black, distinctly bedded and plane-laminated to massive or fractured chert with minor red and grey siliceous hematitic mudstone and siltstone (Barrington Chert) (Edcc).
INTRUSIVE ROCKS	
Po	Quartzite turbidite sequence of sandstone, siltstone and well bedded black staly mudstone (Po).
Ed	Hematite mineralisation of uncertain age within Po (Ed).
Dgah	Dominantly medium- to coarse-grained, equigranular, biotite a hornblende-bearing alkali feldspar granite/monzonite/granite, with minor porphyritic and fine-grained variants (Houslop Granite, Type) (Dgah).
Cdsc	Massive plagioclase (hornblende-chlorite)-phyric, aegitic to dacitic porphyry (Eubater Creek Intrusive) (Cdsc).

**CONTACTS**

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

**FAULTS**

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

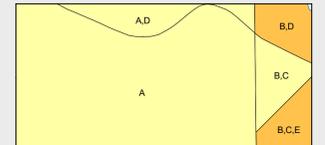
**LINEARS**

- Asial surface trace of major antiform.

**Strike and dip of bedding, right way up; facing unknown.**

- Strike of vertical bedding, facing unknown.
- Strike and dip of bedding, overturned.
- Strike and dip of bedding, overturned.
- Strike and dip of cleavage, of unspecified type and relative age; penetrative cleavage.
- Trend and plunge of minor fold hinge line, unspecified relative age.
- Trend and plunge of lineation of unspecified type.
- Trend and plunge of minor fold hinge, relative local age F2.
- Field station for adjacent readings on the map.
- Notable small outcrop with rock unit indicated.
- Notable small float or lay occurrence with rock unit indicated.
- Regional deposit location - hand-drawn.
- Mineral deposit location - alluvial/tailings.
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

**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, B.Sc.(Hons), 2004 as part of the Western Tasmanian Regional Minerals Program from the following sources (see source diagram):  
A GEE, R.D., QULLINE, A.B. and BRAVO, A.P. 1967. Geological Atlas 1 Mile Series, Sheet 28 (8015N), Burnie, Tasmania Department of Mines.  
B BURNS, K.L. 1963. Geological Atlas 1 Mile Series, Zone 7 Sheet 29 (N8115 and IV), Devonport, Tasmania Department of Mines.  
Updated by:  
C M.J. Vicary 2005. Additional map compilation and review of existing maps in western Tasmania. Tasmanian Geological Survey Record 2005/0. Mineral Resources Tasmania.  
D C.R. Calver and J.L. Everard 2008. Field checking and revision of geology as part of the Northwest Landslide Hazard Project.  
E J.L. Everard 2007. 1:25 000 geological mapping as part of the TasExplore project.

**REFERENCE THIS MAP AS:**

VICARY, M.J., CALVER, C.R. and EVERARD, J.L. (compilers) 2008. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4044 Stowport. 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



GD494 - MGA Zone 55. Contour Interval: 20 metres.

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**LOCATION DIAGRAM**

