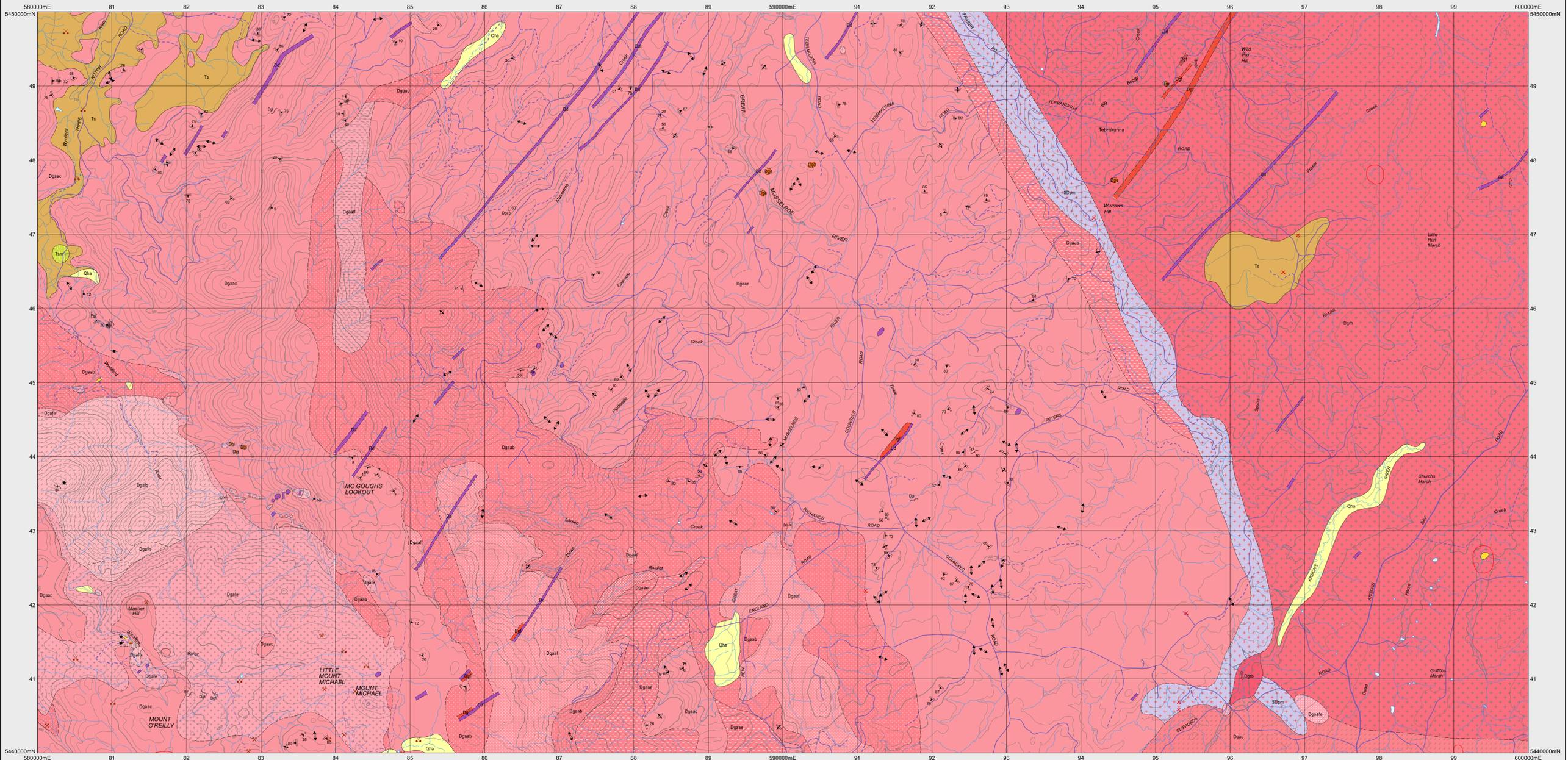


SPURRS RIVULET

Scale 1:25 000



PERIOD	UNIT	DESCRIPTION
CENOZOIC QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Tsm	Gravel, sand, silt, mud and clay disturbed by mining (Tsm).
	Ts, Tb	Gravel, sand, silt, mud and clay (Ts). Basalt (Tb).
PALEOZOIC DEVONIAN	SDpm	Quartzite turbidite, sandstone dominant, contact metamorphosed by granitic intrusion undifferentiated Palmsa Group (SDpm).
	Tb	Basalt (Tb).
PALEOZOIC DEVONIAN	Dd	Dolerite dykes (Dd).

MARTINDALE SUPERGROUP

MINOR GRANITIC INTRUSIONS

Dgl	Fine-grained granite (Dgl); aplite (Dgh), aplitic granite (Dga).
Dgf	Quartz-feldspar porphyry (Dgf).

BLUE TIER BATHOLITH

Dgafq	Fine- to medium-grained porphyritic (feldspar and rounded quartz), biotite-muscovite alkali feldspar granite (Dgafq).
Dgafh	Fine- to medium-grained, porphyritic (feldspar), relatively leucocratic biotite-muscovite alkali feldspar granite (Dgafh).
Dgafe	Fine- to coarse-grained equigranular biotite-muscovite alkali feldspar granite (Dgafe).
Dgaal	Coarse-grained porphyritic (feldspar) biotite-muscovite granite (Dgaal).
Dgaaf	Fine-grained, variably porphyritic (feldspar), leucocratic muscovite-rich monzogranite (Dgaaf) (generalised variety of Palmsa Granite).
Dgaas	Coarse-grained equigranular biotite monzogranite (Dgaas); variety with abundant microgranite intrusions (Dgaas).
Dgaab	Medium-grained porphyritic (K-feldspar-plagioclase-quartz) biotite-muscovite syenogranite/monzogranite (Dgaab); variety with abundant microgranite intrusions (Dgaab).
Dgaaf	Fine- to medium-grained, porphyritic (feldspar), relatively melanocratic biotite-muscovite syenogranite/monzogranite (Dgaaf).
Dgaac	Coarse-grained porphyritic to equigranular biotite-muscovite monzogranite (Dgaac) (Dgaac, Dgaaf, Dgaab, Dgaab, Dgaas, Dgaas, Dgaaf - Palmsa Granite; H-type).
Dgaaf	Fine-grained equigranular biotite-muscovite granite (Dgaaf).
Dgac	Coarse-grained, porphyritic to variably equigranular biotite-muscovite monzogranite (Dgac) (Mt. Pearson Granite).
Dgrb	Medium- to coarse-grained biotite granodiorite (Dgrb).
Dgrh	Medium- to coarse-grained biotite-hornblende granodiorite (Dgrh) (Dgrh, Dgrh - Gardens Granodiorite; I-type).

CONTACTS

—	Geological contact.
- - - - -	Geological contact - inferred.
—	Unconformable lithological contact.
- - - - -	Igneous intrusive contact.
- - - - -	Igneous intrusive contact - inferred.
- - - - -	Limit of mapping of sub-unit within undifferentiated rock unit.

LINEARS

—	Lineament - visible in magnetic data.
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—	Strike of dominant joint set, vertical.
—	Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock; vertical.
—	Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
—	Trend of preferred orientation of hornblende and/or biotite in granitic rock.
—	Strike and dip of igneous banding.
—	Strike and dip of metamorphic foliation other than cleavage.
—	Strike and dip of dyke or vein with rock or mineral type indicated; vertical; dip unknown. Quartz vein (qv).
—	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.P. McClenaghan, B.Sc.(Hons), Ph.D., 1997 from the following sources (see source diagram):
A. MACLELAGHAN, M.P. and WILLIAMS, P.R. 1983. Geological Atlas 1:50 000 Series. Sheet 33 (8515N), Blue Tier. Department of Mines, Tasmania.
B. BROWN, A.V. et al. 1977. Geological Atlas 1:50 000 Series. Sheet 32 (8415N), Ringarooma. Department of Mines, Tasmania.
Updated by:
C. MACLELAGHAN, M.P. and WILLIAMS, P.R. 1982. Distribution and characterisation of granitic intrusions in the Blue Tier area. Geological Survey Paper 4, Tasmania Department of Mines.
D. MACLELAGHAN, M.P., TURNER, N.J., BALLE, P.W., BROWN, A.V., WILLIAMS, P.R. and MOORE, W.E. 1982. Geology of the Ringarooma-Boobyalla area. Tasmanian Department of Mines.
E. M.P. McClenaghan 2008-2009. Interpretation of airborne magnetic data particularly targeting "Tudhoe" anomalies considered likely to be Palaeogene-Neogene basalt rocks together with ground checking and mapping of small areas of basalt in some instances, as part of the TactOpus Project. Mineral Resources Tasmania.

REFERENCE THIS MAP AS:

MACLELAGHAN, M.P. 2010 (compiler). Digital Geological Atlas 1:25 000 Scale Series. Sheet 5844 Spurs Rivulet. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.

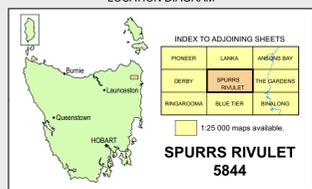
Website: www.mrt.tas.gov.au

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



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LOCATION DIAGRAM



INDEX TO ADJOINING SHEETS		
PIONEER	LANKA	ANGUS BAY
DERBY	SPURRS RIVULET	THE GARDENS
RINGAROOMA	BLUE TIER	SPINLONG

1:25 000 maps available.

SPURRS RIVULET
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