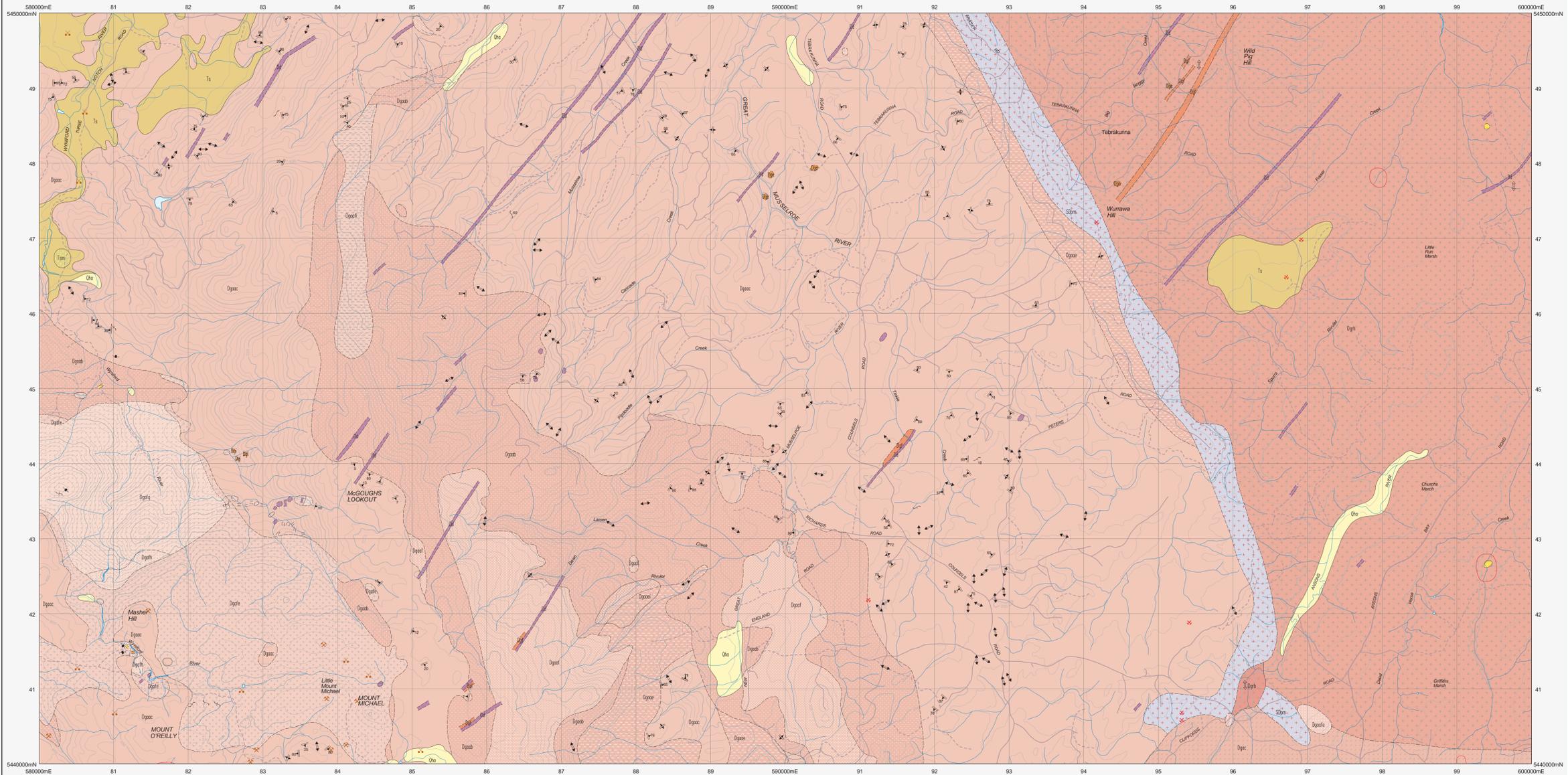


# SPURRS RIVULET

Scale: 1:25 000



CENOZOIC	QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	PALEOGENE-NEOGENE	Tsm	Gravel, sand, silt, mud and clay disturbed by mining (Tsm).
PALEOZOIC	SILURIAN(?) - DEVONIAN	Ts	Gravel, sand, silt, mud and clay (Ts). Basalt (Tb).
		Spm	Quartzite turbidite, sandstone dominant, contact metamorphosed by granitic intrusion un differentiated (Spm) Group (COPM).
PALEOZOIC	PALEOGENE-NEOGENE	Tb	Basalt (Tb).
		Dd	Dolerite dykes (Dd).

PALEOZOIC	DEVONIAN	MINOR GRANITIC INTRUSIONS	
		Dg	Fine-grained granite (Dg); apfite (Dgf), apfite granite (Dga).
		Dgf	Quartz-feldspar porphyry (Dgf).
		BLUE TIER BATHOLITH	
		Dgfa	Fine- to medium-grained porphyritic (feldspar and rounded quartz), biotite-muscovite dike feldspar granite (Dgfa).
		Dgfh	Fine- to medium-grained porphyritic (feldspar), relatively leucocratic biotite-muscovite dike feldspar granite (Dgfh).
		Dgfe	Fine- to coarse-grained equigranular biotite-muscovite alkali feldspar granite (Dgfe).
		Dgfa	Coarse-grained porphyritic (feldspar) biotite-muscovite granite (Dgfa); (Dgfa, Dgfh, Dgfe) - Litch granite, 3-type.
		Dgfa	Fine-grained, variably porphyritic (feldspar), leucocratic muscovite-rich monzogranite (Dgfa) (granite variety of Palmana Granite).
		Dgfa	Coarse-grained equigranular biotite monzogranite (Dgfa); variety with abundant microgranite intrusions (Dgfa).
		Dgab	Medium-grained porphyritic (K-feldspar-plagioclase-quartz) biotite-muscovite syenogranite/monzogranite (Dgab); variety with abundant microgranite intrusions (Dgab).
		Dgaf	Fine- to medium-grained, porphyritic (feldspar), relatively melanocratic biotite-muscovite syenogranite/monzogranite (Dgaf).
		Dgac	Coarse-grained, porphyritic to equigranular biotite-muscovite monzogranite (Dgac); (Dgac, Dgaf, Dgab, Dgaa, Dgac, Dgaa) - Palmana Granite, 1-type.
		Dgaf	Fine-grained equigranular biotite-muscovite granite (Dgaf).
		Dgac	Coarse-grained, porphyritic to sericite to equigranular biotite-muscovite monzogranite (Dgac) (Mt Pedron Granite).
PALEOZOIC	LOWER DEVONIAN	Dgrb	Medium- to coarse-grained biotite granodiorite (Dgrb).
		Dgrh	Medium- to coarse-grained biotite-hornblende granodiorite (Dgrh). (Dgrb, Dgrh = Garnet granodiorite, 1-type).

—	Geological boundary - position approximate.
---	Geological boundary - inferred.
---	Unconformable boundary - position approximate.
---	Intrusive boundary - position approximate.
---	Intrusive boundary - inferred.
---	Lineament visible in airborne magnetic data defining "subsegs" magnetic sources which may be Paleogene-Neogene basalt plugs.
(White line)	Limit of mapping of sub-unit within undifferentiated rock unit.

✕	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.
✕	Mineral deposit location - hardrock.
✕	Mineral deposit location - alluvial/fallings.
✕	Construction material/industrial mineral/gemstone location.

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

Compiled by M.P. McLennaghan, B.Sc.(Hons), Ph.D., 1997 from the following sources (see responsibility diagram):  
 A. MCLENNAGHAN, M.P. and WILLIAMS, P.R., 1983. Geological Atlas 1:50 000 Series, Sheet 53 (55/51), Blue Tier, Department of Mines, Tasmania.  
 B. BROWN, A.V. et al., 1977. Geological Atlas 1:50 000 Series, Sheet 32 (84/5N), Ringarooma, Department of Mines, Tasmania.  
 C. MCLENNAGHAN, M.P. and WILLIAMS, P.R., 1982. Distribution and characterisation of granitoid intrusions in the Blue Tier area, Geological Survey Paper 4, Tasmania, Department of Mines.  
 D. MCLENNAGHAN, M.P., TURNER, N.J., BAILLIE, P.W., BROWN, A.V., WILLIAMS, P.R. and MOORE, W.R., 1982. Geological Survey Bulletin 61, Geology of the Ringarooma-Beauregard area, Tasmania, Department of Mines.  
 E. M.P. McLennaghan 2008 - 09. Interpretation of airborne magnetic data particularly targeting "subsegs" anomalies considered likely to be Paleogene - Neogene basalt necks together with ground tracking and mapping of small areas of basalt in some regions, as part of the Tadiacres Project, Mineral Resources Tasmania.

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

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 Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.  
 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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