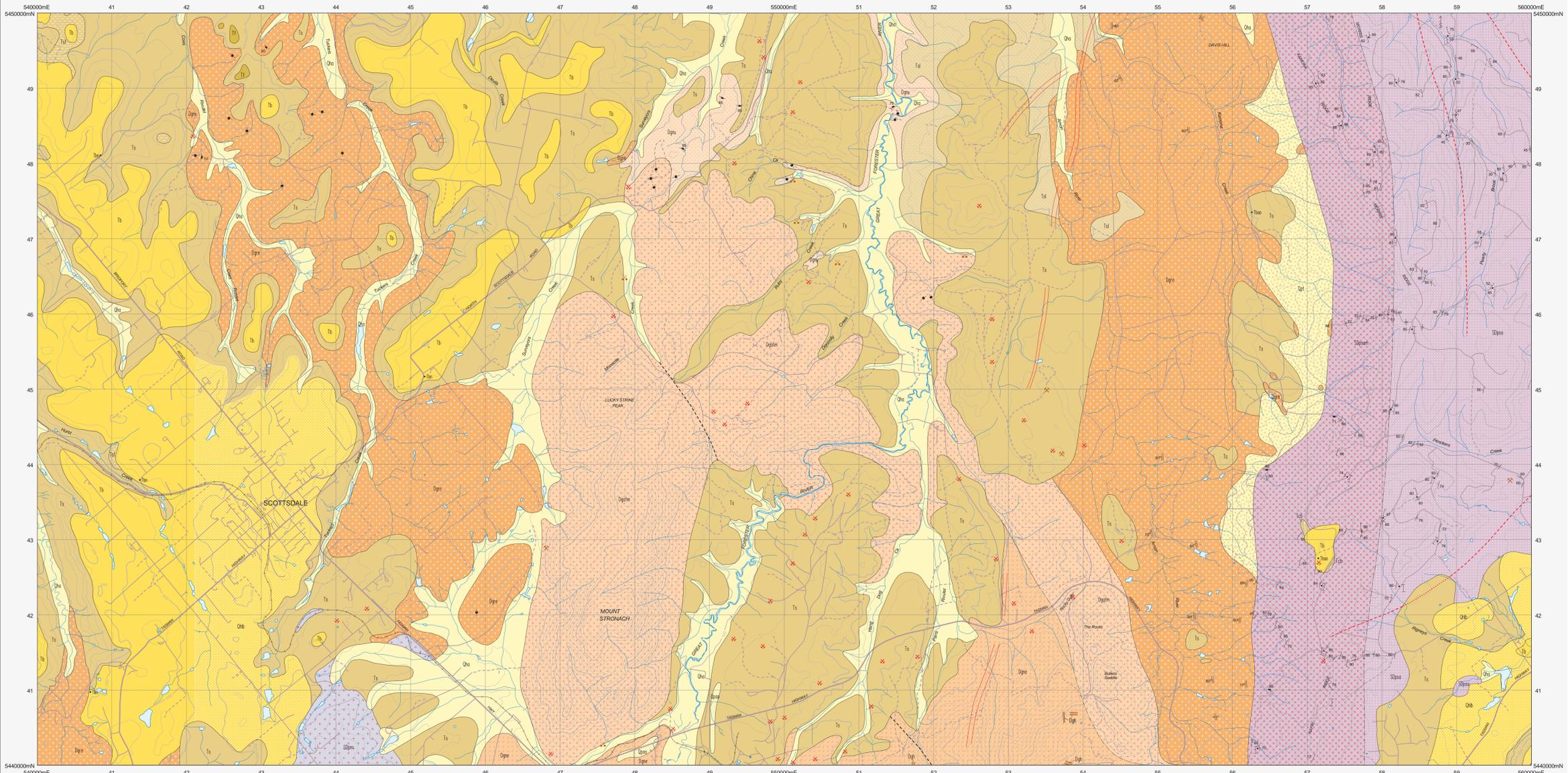


SCOTTSDALE

Scale: 1:25 000



CENOZOIC	QUATERNARY	
	PLEISTOCENE	HOLOCENE
	Dha	Stream alluvium, swamp and marsh deposits (Dha).
	Qpa0	Older alluvium of river terraces (Qpa0).
	Qha	Basalt derived lag deposit (Qha).
	Opt	Talus (Opt).
PALEOCENE - NEOGENE	Tb	Basalt (Tb), including local occurrences of alkali olivine basalt (Tba0), olivine nephelinite (Tb0).
	Ts	Conglomerate, gravel, sand, silt, mud and clay (Ts).
	Tf	Ferrirete (Tf).
	Tsi	Sand and gravels cemented by iron oxide (Tsi).
	Tsl	Gravel lag (Tsl).
Tcb	Poorly sorted boulder to pebble grade deposit with finer-grade matrix (Tcb).	
PALEOCENE - NEOGENE	Spsa	Uncertainty.
	Spsp	Dispersely medium- to fine-grained turbiditic quartz-rich sandstone, with interbedded siltstone. Rare vascular plant fossils (Spsp). Contact metamorphosed by granitic intrusion (Spsam).
	Spsam	(Spsa, Spsam: possible correlates of Siding Sandstone). Undifferentiated Ansonia Group rocks contact metamorphosed by granitic intrusion (Spsam).

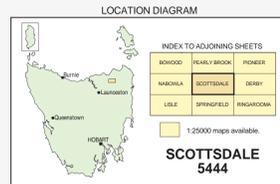
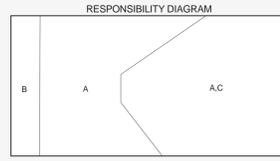
CENOZOIC - PALEOCENE - NEOGENE	MINOR GRANITIC INTRUSIONS	
	Tb	Basalt (Tb), including local occurrences of alkali olivine basalt (Tba0), olivine nephelinite (Tb0).
PALEOCENE - NEOGENE	SCOTTSDALE BATHOLITH	
	Dgr	Apilite (Dgr).
	Dgrm	Medium- to coarse-grained, equigranular to porphyritic biotite +/- hornblende monzogranite/granodiorite (Dgrm). Medium-grained, pink biotite alkali-feldspar granite (Dgrm) (Mt Stronach Granite, ?-type).
	Dgrs	Coarse- to very coarse-grained, biotite +/- hornblende monzogranite/granodiorite (Dgrs) (Russell Road Granite, ?-type).
	Dgrg	Medium- to coarse-grained, equigranular biotite-hornblende granodiorite (Dgrg) (includes Diddam Granodiorite and Tuladensia Granodiorite, ?-type).

- Geological boundary - position approximate.
- - - Geological boundary - inferred.
- . - Geological boundary - transitional.
- - - Fault - inferred.
- . - Fault - concealed, inferred from airborne magnetic data.
- - - Fault - inferred from airborne magnetic data.
- Lineament visible in airborne magnetic data.
- (white line) Limit of mapping of sub-unit within undifferentiated rock unit.

- ↗ ↘ Strike and dip of bedding - right way up; overturned; facing unknown.
- ↖ ↙ Strike of vertical bedding, facing unknown.
- ↗ ↘ Strike and dip of cleavage - unspecified type and relative age; vertical.
- ↗ ↘ Trend and plunge of minor fold hinge line, unspecified relative age, vergence sinistral.
- ↗ ↘ Strike and dip of dominant joint set; vertical.
- ↗ ↘ Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock; vertical.
- Notable small outcrop with rock unit indicated.
- Field station for adjacent readings on the map.
- ⊗ Mineral deposit location - hardrock.
- ⊙ Mineral deposit location - alluvial/alluvial.
- ⊕ Construction material/industrial mineral/gemstone location.

Compiled by M.P. McLennaghan, B.Sc (Hons), Ph.D., 1994 from the following sources (see responsibility diagram):
 A. BROWN, A.V.; MCLENNAGHAN, M.P.; MOORE, W.R.; TURNER, N.J.; MCLENNAGHAN, J.; WILLIAMS, P.R.; BAILLIE, B.W.; CORBETT, K.D.; CORBETT, E.B.; COX, S.T.; GROVES, D.L.; PINE, G.P. 1977. Geological Atlas 1:25 000 series, sheet 52 (BATA), Department of Mines, Tasmania.
 B. MCLENNAGHAN, B.; BARTON, C.M.; BENNINGS, D.J.; MACHY, I.H. 1985. Geological Atlas 1:63 500 series, sheet 31 (B15A), Pipers River, Department of Mines, Tasmania.

Updated by:
 E. M.J. Vicary, 2008-2010. Limited geological traverses and interpretation of airborne geophysical data as part of the TasExplore Project.



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 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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