

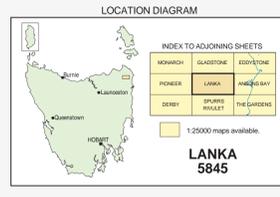
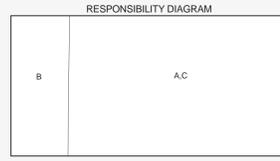
CENOZOIC	
QUATERNARY	Qm Mine tailings and disturbed ground (Qm).
QUATERNARY	Qna Stream alluvium, swamp and marsh deposits (Qna).
QUATERNARY	Qpa Older alluvia at river terraces (Qpa).
PALEOZOIC	Tb Basalt (Tb); alkali olivine basalt (Tba), basaltite (Tba) indicated.
	Ts Gravel, sand, silt, mud and clay (Ts), grey-billy and shereira (Tsp), gravel lag (Tsl), basalt (Tsb), terraces (Tt).
	Tfbb
	Tf
PALEOZOIC	Dd Dolerite dykes (Dd).
	Dg

MINOR GRANITIC INTRUSIONS	
Dgi	Fine-grained (Dgi), aplite granite (Dgi).
Dgp	Garnetiferous quartz-feldspar porphyry (Dgp).
Dgf	Quartz-feldspar porphyry (Dgf).
BLUE TIER BATHOLITH	
Dgafe	Fine- to coarse-grained, equigranular biotite-muscovite alkali feldspar granite (Dgafe) (M. Cameron Granite; I-type).
Dgafse	Fine-grained, equigranular biotite-muscovite granite (Dgafse).
Dgac	Coarse-grained porphyritic (K-feldspar) to equigranular biotite-microcline monzogranite (Dgac).
Dgaoe	Coarse-grained, equigranular biotite monzogranite (Dgaoe).
Dgab	Medium-grained porphyritic (K-feldspar-plagioclase-quartz) biotite-microcline monzogranite (Dgab) (Dgab, Dgab, Dgab, Dgab - Palmana Granite; I-type).
Dgrn	Medium- to coarse-grained biotite-hornblende granodiorite (Dgrn) (Garsena Granodiorite).
Dgr	Gabbro (Dgr).

- Geological boundary - position approximate.
- Geological boundary - inferred.
- Uncertain boundary - position approximate.
- Intrusive boundary - position approximate.
- Normal fault - position approximate.
- Lineament visible in airborne magnetic data defining "subtle" magnetic sources which may be Palaeogene-Neogene basalt plugs. Limit of mapping of sub-unit within undifferentiated rock unit. (white line)

- Strike and dip of bedding - right way up.
- 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.
- Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock, vertical.
- Trend of preferred orientation of hornblende and/or biotite in granitic rock.
- Strike and dip of dyke or vein, rock type or mineral indicated.
- Notable small outcrop with rock unit indicated.
- Mineral deposit location - alluvial/tailings. Data derived from Mineral Resources Tasmania DEPOSITS distribution. Data point position has not been verified in every case.
- Construction material/industrial mineral/gemstone location.

Compiled by M.P. McClenaghan, B.Sc. (Hons), Ph.D., 1997 from the following sources (see responsibility diagram):
 A. McCLENGHAN, M.P., WILLIAMS, P.R., 1983, Geological Atlas 1:50 000 Series, Sheet 33 (8019N), Blue Tier, Tasmania Department of Mines.
 B. BROWN, A.V. et al. 1977, Geological Atlas 1:50 000 Series, Sheet 32 (8415N), Ringarooma, Tasmania Department of Mines.
 Updated by:
 C. M. P. McClenaghan 2008-09. Interpretation of airborne magnetic data particularly targeting "subtle" anomalies considered likely to be Palaeogene-Neogene intrusives. Data derived from the Murrumbidgee Project, as part of the TAFE-Explores Project, Mineral Resources Tasmania.



REFERENCE THIS MAP AS:
 McCLENGHAN, M.P., 2010, Digital Geological Atlas 1:25 000 Scale Series, Sheet 5845, LANKA, Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.
 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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