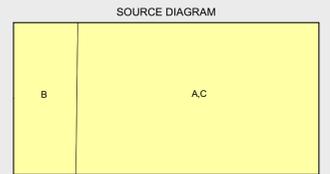


CEANOZOIC		QUATERNARY - HOLOCENE	
PALEOGENE - NEOGENE	Qpm	Mine tailings and disturbed ground (Qhm).	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).	
	Qpa	Older alluvial of river terraces (Qpa).	
PALEOZOIC	Ts		
	Tfb	Gravel, sand, silt, mud and clay (Ts); grey-billy and silcrete (Tfb); gravel lag (TfL); basalt (Tb); ferricrete (Tf).	
	Tal		
	Tf		
PALEOZOIC	SDpm	Quartzitic turbidite, sandstone dominant, contact metamorphosed by granitic intrusion undifferentiated Panama group (SDpm).	
PALEOZOIC	Tb	Basalt (Tb); alkali olivine basalt (Tba); basanite (Tbs) indicated.	
PALEOZOIC	Dd	Dolerite dykes (Dd).	

MINOR GRANITIC INTRUSIONS	
Dge	Apitic granite (Dge).
Dgb	Garnetiferous quartz-feldspar porphyry (Dgb).
Dgf	Quartz-feldspar porphyry (Dgf).
BLUE TIER BATHOLITH	
Dgaf	Fine- to coarse-grained, equigranular biotite-muscovite alkali feldspar granite (Dgaf) (Mt Cameron Granite; 1-type).
Dgaaf	Fine-grained, equigranular biotite-muscovite granite (Dgaaf).
Dgaac	Coarse-grained porphyritic (K-feldspar) to equigranular biotite-minor muscovite monzogranite (Dgaac).
Dgaae	Coarse-grained, equigranular biotite monzogranite (Dgaae).
Dgab	Medium-grained porphyritic (K-feldspar-plagioclase-quartz) biotite-minor muscovite granite (Dgab).
Dgaf	(Dgaf; Dgaaf; Dgab; Dgaaf - Poimena Granite; 1-type).
Dgh	Medium- to coarse-grained biotite-hornblende granodiorite (Dgh) (Gardens Granodiorite).
Dgng	Gabbro (Dgng).

CONTACTS	
—	Geological contact.
- - - - -	Geological contact - inferred.
- - - - -	Unconformable lithological contact.
- - - - -	Igneous intrusive contact.
- - - - -	Limit of mapping of sub-unit within undifferentiated rock unit.
FAULTS	
- - - - -	Normal fault (downthrown side indicated).
LINEARS	
- - - - -	Lineament - visible in magnetic data.

↘	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. Fine-grained granite (Dg).
•	Notable small outcrop with rock unit indicated.
•	Mineral deposit location - alluvial/tailings.
•	Construction material/industrial mineral/gemstone location.



Symbol	Description
Orange box	Highly detailed (eg. more detailed than 1:25 000 scale mapping).
Yellow box	Detailed systematic (eg. 1:25 000 map or equivalent detail).
Light yellow box	Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
Light green box	Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
Light blue box	Reconnaissance mapping with sparse ground traverses.
Light purple box	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. McCLENAGHAN, M.P.; WILLIAMS, P.R. 1983. Geological Atlas 1:50 000 Series. Sheet 33 (8515N), 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 2008-2009. Interpretation of airborne magnetic data particularly targeting 'subtle' anomalies considered likely to be Palaeogene - Neogene Tertiary basalt necks together with ground checking and mapping of small areas of basalt in some instances, as part of the TailExplorE Project, Mineral Resources Tasmania.

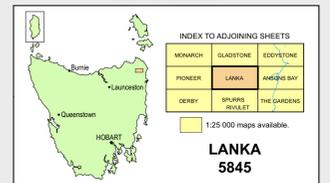
REFERENCE THIS MAP AS:
 McCLENAGHAN, M.P. 2010. Digital Geological Atlas 1:25 000 Scale Series. Sheet 5845 LANKA. Mineral Resources Tasmania.

Base data from the LIST. Copyright State of Tasmania.
 Map produced by Spatial Information Services, Mineral Resources Tasmania.
 Website: www.mrt.tas.gov.au
 GDSM - MGA Zone 55. Contour Interval: 20 metres.



While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data.
 Crown copyright reserved.

LOCATION DIAGRAM



1:25 000 maps available.
LANKA
5845