

Scale 1:25 000

DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
GRANVILLE

MESOZOIC	JURASSIC		INTRUSIVE ROCKS
PALEOZOIC	Ja	Dorville (Jd)	
	Dgh	Apile (Dgh)	
	Dgss		Domestically coarse grained, equigranular, isocrystic, biotite-bearing alkali feldspar granodiorites/plagioclase with sparse to common patches and nodules of quartz
	Dgsf		Domestically fine to medium-grained, equigranular to porphyritic (quartz and biotite) granodiorites/plagioclase with sparse to common patches and nodules of quartz and biotite (Dgsf)
DEVONIAN			Coarse-grained, equigranular to porphyritic (K-feldspar) biotite-muscovite-bearing granodiorites/monzogranites, with common bioturinate nodules
	Dgan		Coarse felds. Granitic, 2-3mm (Dgan)

INTRUSIVE ROCKS

Jd	Dolerite (Jd)
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	Dgh	Apilte (Dgh).
Dgasc		Dominantly coarse grained, equigranular, leucocratic, biotite-bearing alkali feldspar granite/lyongranite, with sparse to common patches and nodules of quartz and tourmaline (Dgasc).
Dgast		Dominantly fine- to medium-grained, equigranular to porphyritic (quartz and feldspar), leucocratic, biotite-bearing alkali feldspar granite/lyongranite, with sparse to common patches and nodules of quartz and tourmaline (Dgast, Dgasc, Dgaf; Hoemskirk White Granite: S-type).
Dgsk		Coarse-grained, equigranular to porphyritic (K-feldspar) biotite-muscovite-bearing syenogranite/monzonite/lyongranite, with sparse to common tourmaline nodules (Conical Rocks Granite: S-type) (Dgsk).

	Strike and dip of bedding, right way up, facing unknown - dipping
	Strike and dip of cleavage, type and relative age unspecified - dipping
	Strike and dip of crenulation cleavage
	Strike and dip of cleavage, relative local age S_1 , S_2
	Strike and dip of link band with sense of displacement viewed down movement line unspecified
	Strike and dip of dyke or vein - dipping. Quartz-tourmaline vein (or quartz-muscovite veins)
	Strike and dip of dominant joint set - dipping ; vertical
	Field station for adjacent readings on the map
	Notable small outcrop with rock unit indicated
	Mineral deposit location - hardrock
	Mineral deposit location - alluvial/tailings

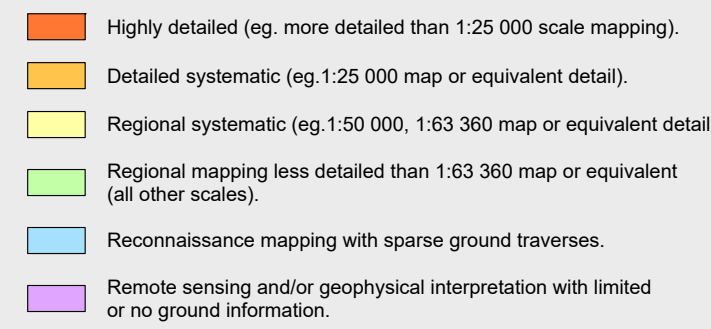
CONTACTS	
—————	Geological contact.
-----	Geological contact - inferred.
- - - - -	Geological contact - inferred from magnetic data.
.....	Transitional geological contact.
.....	Limit of mapping of sub-unit within undifferentiated rock units.
.....	Limit of detailed mapping.

----- Fault - inferred.
 Fault - concealed.

LINEARS

----- Subsurface geological boundary projected to surface
 ----- Lineament - visible on aerial photographs.
 ----- Lineament - visible in magnetic data.

SOURCE DIAGRAM



Compiled by M.J. Vearry, B.Sc.(Hon), 2004, a part of the Western Tasmania Regional Minerals Program, from the following sources (see source diagram):

- A BROWN, A.V., FINDLAY, R.H., GOSCOMBE, B.D., MCLENNAN, M.P., SEYMOUR, D.B. 1994. Geological Atlas 1:500 000 Series. Sheet 50 (79145). Zeehan. Tasmania Department of Mines.
- B TURNER, N.J., BROWN, A.V., MCLENNAN, M.P. and SOETRISNO, I. 1999. Geological Atlas 1:500 000 Series. Sheet 43 (7914N). Corinna. Tasmania Department of Mines.
- C GEE, R.D., GULLINE, A.B., BRAVO, A.P., LEGGE, P.J. and GROVES, D.I. 1965. Geological Atlas 1 mile Series. Zone 7 Sheet 42 (7814N). Plean Heads. Tasmania Department of Mines.
- VICARY, M.J. 2005. Additional map compilation and review of existing maps in the Western Tasmania. Tasmania Geological Survey Record 2005/05. Mineral Resources Tasmania.

REFERENCE THIS MAP AS:
VICARY, M.J., SEYMOUR, D.B. and McMCLLENAGHAN, M.P. (compilers) 2004. Digital Geological Atlas 1:25 000 Scale Series Granville. Mineral Resources Tasmania.

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Base data from the LIST, Copyright State of Tasmania
Map produced by Spatial Information Services,
Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au
GDA94 - MGA Zone 55. Contour interval: 20 metres

WARNING: INKS ARE LIGHT SENSITIVE