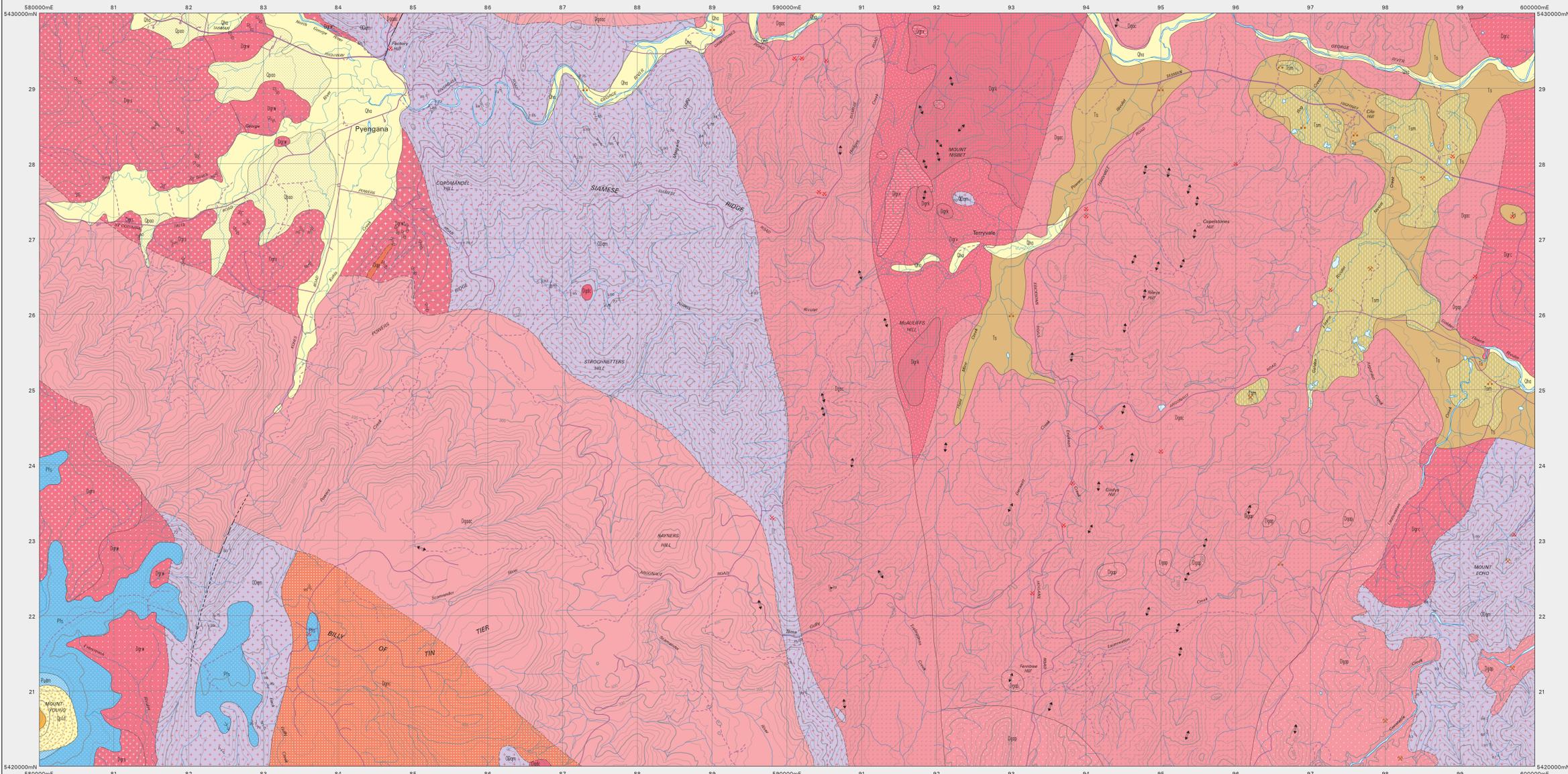
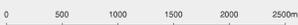


PYENGANA

Scale: 1:25 000



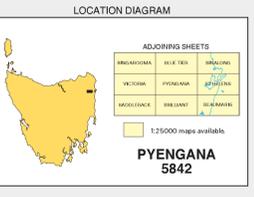
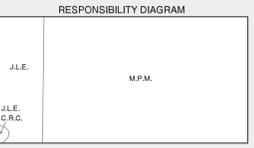
QUATERNARY	Symbol	Description
Qha	Stream alluvium, swamp and marsh deposits (Qha).	
Qpa	Older alluvium of river terraces (Qpa).	
Qpd	Talus consisting dominantly of dolerite boulders (Qpd).	
TERTIARY	Symbol	Description
Tm	Gravel, sand, silt, mud and clay disturbed by mining (Tm).	
Ts	Gravel, sand, silt, mud and clay (T).	
Unconformity		
PERMIAN	Symbol	Description
Pdm	Mudstone siltstone and poorly sorted sandstone. Uncommon marine fossils (Pdm).	
Pfs	Dominantly well sorted quartz sandstone, usually cross bedded and commonly with interbedded and interstratified carbonaceous shale, lesser conglomerate and rare coal (Pfs).	
Unconformity		
ORDOVICIAN (?) SILURIAN-EARLY DEVONIAN	Symbol	Description
ODm	Quartzite, turbidite, sandstone dominant, contact metamorphosed by granitic intrusion (ODm).	
IGNEOUS ROCKS	Symbol	Description
JURASSIC	Symbol	Description
Jd	Dolerite (Jd).	

MINOR GRANITIC INTRUSIONS	Symbol	Description
Dga	Aplite granite (Dga).	
MAJOR GRANITIC INTRUSIONS	Symbol	Description
Dgac	Coarse grained porphyritic (K-feldspar) to equigranular biotite, minor muscovite granoblastic (Dgac).	
Dgpc	Variably porphyritic coarse to fine grained hornblende granodiorite (Dgpc).	
Dgpc	Variably porphyritic coarse to fine grained hornblende granodiorite with very abundant Melnikov Group xenoliths (Dgpc).	
Dgpc	Coarse to fine grained biotite granodiorite with very abundant large K-feldspar phenocrysts and minor or no hornblende (Dgpc).	
Dgpc	Generally pink porphyritic to xenitic to equigranular coarse grained biotite minor muscovite admetolite to alkali feldspar granite with abundant minor intrusions of fine grained pink biotite granite (Dgpc).	
Dgpc	Porphyritic to xenitic to equigranular coarse grained biotite minor muscovite admetolite (Dgpc).	
Dgpc	Coarse grained, equigranular to porphyritic (K-feldspar) biotite hornblende admetolite granodiorite (Dgpc).	
Dgpc	Coarse grained monzonite to monzonitic (Dgpc).	
Dgpc	Sparsely porphyritic coarse grained biotite hornblende granodiorite (Dgpc).	
Dgpc	Medium grained, equigranular to rarely porphyritic (K-feldspar), hornblende biotite granodiorite. Locally with a strong granitoid texture. Variable but usually strongly magnetic (susceptibility typically 0.02 to 0.03 SI) (Dgpc).	
Dgpc	Medium grained, equigranular to rarely porphyritic (K-feldspar), hornblende biotite granodiorite. Locally with a strong granitoid texture. Weakly magnetic (susceptibility < 0.005 SI) (Dgpc).	
Dgpc	Medium to coarse grained equigranular to rarely porphyritic (K-feldspar) biotite granodiorite weakly magnetic (susceptibility < 0.005 SI) (Dgpc).	
Dgpc	Coarse grained diorite (Dgpc).	

Geological boundary - position approximate	Symbol
Geological boundary - position inferred	---
Fault - position approximate	- - - - -
Fault - position inferred	- - - - -

Strike and dip of bedding - right way up; overturned; facing unknown.	↘ ↙
Generalised paleocurrent direction, showing sense of movement.	→
Strike and dip of cleavage - relative local age S1 vertical.	↗ ↖
Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock.	↗ ↖
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.	↗ ↖
Field station for adjacent readings on the map.	*
Mineral deposit location - hardrock	⊗
Mineral deposit location - alluvial	⊗
Construction materials location	⊗

Geology based on:
MACLEAGHAN, M.P., EVERARD, J.L., CAWVER, C. R.
Geological Atlas 1:50 000 series, sheet 42 (BRTS); Alberton
1993 and sheet 41 (BRTS); St Helens 1987.
Department of Mines, Tasmania.
Compiled by M. P. Macleaghan.



Base data from the LIST, Copyright State of Tasmania.
Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software.
AID64 - AMG Zone 55. Contour Interval: 20 metres.
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