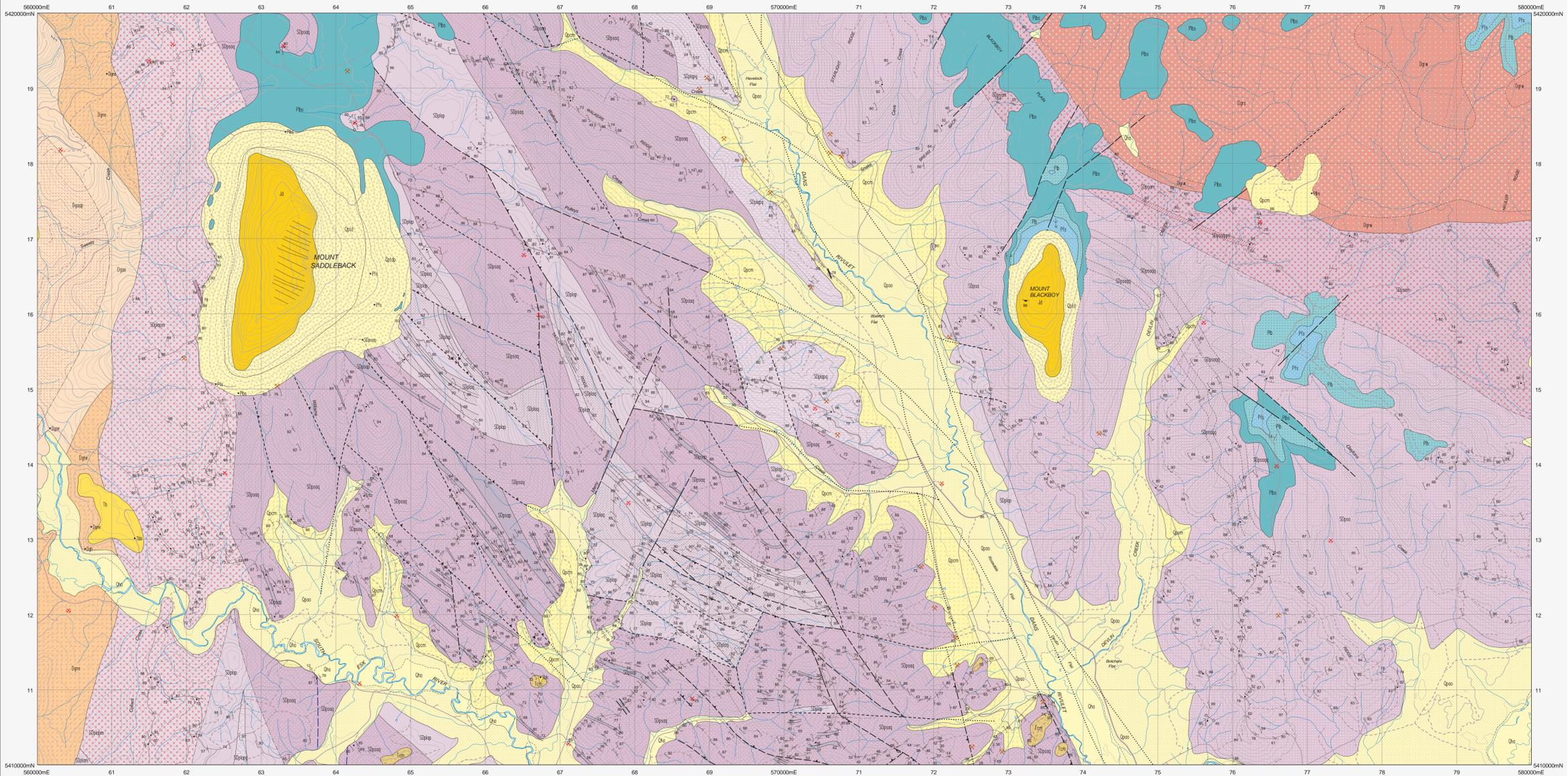


# SADDLEBACK

Scale: 1:25 000



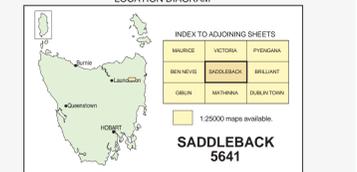
CENOZOIC	QUATERNARY	
	<p><b>Qha</b> Stream alluvium, swamp and marsh deposits (Qha).</p> <p><b>Qcl</b> Talus consisting dominantly of dolerite boulders (Qcl). Talus consisting dominantly of dolerite and subordinate Lower Permian rocks (Qclpb).</p> <p><b>Qoaa</b> Older alluvium of river terraces (Qoaa).</p> <p><b>Qom</b> Colluvium derived from Mathinna Supergroup (Qom).</p>	<p><b>Tb</b> Basalt (Tb), including local occurrences of basaltite (Tbs), hawaitite (Tbh), olivine nephelinite with hercynite nodules (Tbn).</p> <p><b>Tom</b> Conglomerate with rounded clasts of Mathinna Supergroup and very rare weathered dolerite, often partially cemented by iron oxides (Tom). Unconformity.</p>

MESOZOIC CENOZOIC	JURASSIC PALEOGENE	
	<p><b>Tb</b> Basalt (Tb), including local occurrences of basaltite (Tbs), hawaitite (Tbh), olivine nephelinite with hercynite nodules (Tbn).</p> <p><b>Ja</b> Dolerite (Ja).</p>	<p><b>Dgh</b> Apite (Dgh).</p>

PALEOZOIC	DEVONIAN	
	<p><b>Dgpe</b> Medium- to coarse-grained, dominantly equigranular, leucocratic biotite gneiss/granulite with fine grained feldspars (Dgpe) (marginal phase of Tombstone Creek Granite, I-type).</p> <p><b>Dgpp</b> Fine- to coarse-grained, sparsely to moderately porphyritic quartz and feldspar biotite gneiss/granulite (Dgpp) (central phase of Tombstone Creek Granite, I-type).</p> <p><b>Dgrs</b> Coarse- to very coarse-grained, equigranular, biotite +/- hornblende, monzonitic/granulitic with pink to white feldspars (Dgrs) (Russell Road Granite, I-type).</p>	<p><b>Dgrw</b> Medium-grained, equigranular to rarely porphyritic (K-feldspar), hornblende-biotite granulite and subordinate biotite granulite. Locally with a strong grain foliation. Variably but usually strongly magnetic (susceptibility typically &gt;0.02 to &gt;0.08 SI) (Dgrw).</p> <p><b>Dgrv</b> Medium-grained, equigranular to rarely porphyritic (K-feldspar), hornblende-biotite granulite and subordinate biotite granulite. Locally with a strong grain foliation. Weakly magnetic (susceptibility &lt; 0.005 SI) (Dgrv).</p> <p>(Dgrs, Dgrv = Pyengana Granulite; I-type).</p>

SYMBOLS	
—	Geological boundary - position accurate or approximate.
- - -	Geological boundary - inferred.
- · - · -	Geological boundary - transitional.
- - - - -	Fault - position accurate or approximate, based on interpretation of aerial photographs.
- - - - -	Fault - position accurate or approximate.
- · - · -	Fault - inferred.
- - - - -	Normal fault (downthrown side indicated) - position accurate or approximate.
- - - - -	Thrust fault (teeth on upper plate) - position accurate or approximate.
- - - - -	Thrust fault (teeth on upper plate) - inferred.
- - - - -	Lineament visible on aerial photographs.
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit.

SYMBOLS	
↘	Strike and dip of bedding - right way up; overturned; facing unknown.
↗	Strike of vertical bedding, facing unknown.
↖	Strike and dip of cleavage or foliation of unspecified type and relative age, vertical.
↗	Strike and dip of cleavage or foliation, relative local age S2.
↘	Strike and dip of kink band with sense of displacement viewed down plunge of associated kink-zone - dextral; sinistral.
↖	Strike of vertical kink band - dextral; sinistral.
↗	Strike and dip of dominant joint set.
↖	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified.
↗	Strike and dip of dyke or vein with rock or mineral type indicated, vertical.
↖	Trend and plunge of minor fold hinge line, unspecified relative age.
↗	Trend and plunge of bedding/primary cleavage intersection lineation (L).
↖	Trend and plunge of chevron-fold hinge line, unspecified relative age.
↗	Trend and plunge of minor fold hinge line, relative local age T1, T2.
↖	Generalised paleocurrent direction, showing sense of movement.
•	Notable small outcrop with rock unit indicated.
•	Field station for adjacent readings on the map.
✕	Mineral deposit location - hardrock
✕	Construction material/industrial mineral/gemstone location



**REFERENCE THIS MAP AS:**  
VICARY, M.J. and McCLEAGHAN, M.P. 2010. Digital Geological Atlas 1:25 000 Scale Series. Sheet 5641. Saddleback. 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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