

CENOZOIC	
QUATERNARY	<p>Qha Stream alluvium, swamp and marsh deposits (Qha).</p> <p>Qpht Talus, derived from Mesoproterozoic quartzite and sandstone (Qpht).</p>
<p>• Tsgs Interbedded siliceous gravel, quartz sand and clay (Tsgs).</p> <p>Unconformity.</p>	
MESOPROTEROZOIC	<p>Prc Dominantly planar laminated, commonly carbonaceous and pyritic, black, grey or green siltstone (Prc).</p> <p>Some units of thinly wavy interlamated siltstone and fine-grained sandstone indicated (Prcz). (Prc, Prcz correlates of Cowie Siltstone).</p>
	<p>Prtw Dominantly thinly z wavy interlamated siltstone and fine-grained sandstone (Prtw).</p>
	<p>Ptbp Dominantly thinly z planar-laminated or bedded, grey to grey-green chloritic siltstone, with minor mudstone and fine-grained sandstone (Ptbp).</p>
	<p>Ptbc Dominantly micaceous quartz sandstone and quartzite, with subordinate siltstone (Ptbc).</p>
	<p>Ptbsa Pale weathering thickly bedded, medium- to coarse-grained quartzite, interbedded with siltstone and fine-grained sandstone, locally with chlorite porphyroblasts (Ptbsa).</p>
	<p>Prt Undifferentiated cross-bedded quartzarenite, micaceous quartz sandstone, planar-bedded slaty to relatively massive chloritic siltstone and minor mudstone (Prt).</p>
	<p>Ptpp Interbedded parallel- to trough cross-bedded orthoquartzite, medium-grained quartz sandstone, minor siltstone and rare quartz-pebble conglomerate and shale (Prt).</p>
<p>• Ptp Dominantly thinly (~0.5-2mm) interlamated dark grey to green-grey siltstone and cream to off-white very fine-grained quartz sandstone (Ptp).</p>	

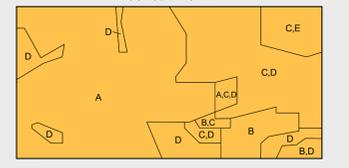
INTRUSIVE ROCKS	
Pmd	Dolerite dykes (Pmd: part of Tayate Dyke Swarm).
qv	Quartz veins (qv).

CONTACTS	
	Geological contact.
	Geological contact - inferred.
	Geological contact - inferred from radiometric data.
	Geological contact - based on interpretation of aerial photograph.
	Igneous intrusive contact.
	Limit of mapping of sub-unit within undifferentiated rock unit.
	Limit of detailed mapping.

FAULTS	
	Fault.
	Fault - inferred.
	Fault - concealed.
	Fault - inferred from radiometric data.
	Fault - based on interpretation of aerial photographs.
	Thrust fault (teeth on upper plate) - inferred.
	Thrust fault (teeth on upper plate) - inferred from radiometric data.

LINEARS	
	Axial surface trace of major antiform.
	Axial surface trace of major synform.
	Lineament - visible on aerial photographs.
	Lineament - visible in magnetic data.
	Magnetic gradient or lineament (direction towards lower values indicated).

	Strike and dip of bedding, right way up; facing unknown.
	Horizontal bedding.
	Strike and dip of cleavage of unspecified type and relative age.
	Strike and dip of cleavage, relative local age S ₁ , S ₂ .
	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified; vertical.
	Strike and dip of outcrop-scale thrust fault of unspecified relative age.
	Trend and plunge of minor fold hinge line, unspecified relative age; with dip and dip direction of axial surface.
	Trend and plunge of minor fold hinge line, unspecified relative age, vergence distal; vergence sinistral.
	Trend and plunge of hinge line of minor fold, unspecified relative age; antiform; antiform; horizontal.
	Trend and plunge of kink hinge line, sense of displacement unknown; with dip and dip direction of axial surface.
	Trend and plunge of minor conjugate fold hinge line, relative age F ₂ .
	Strike and dip of dominant joint set; vertical.
	Generalised paleocurrent direction, showing direction of movement.
	Trend and plunge of slickensides, movement sense unspecified.
	Trend of dyke or vein, with strike and dip indicated.
	Quartz-journale as vein or axial body (qv).
	Field station for adjacent readings on the map.
	Notable small outcrop with rock unit indicated.
	Notable small float or lag occurrence with rock unit indicated.
	Mineral deposit location - hardrock.



Compiled by G.V. Cumming, B.Sc.(Hons); J.L. Everard, B.Sc.(Hons) and C.J. Jackman, B.Sc.(Hons) 2022 from the following sources (see source diagram):

A. G.V. Cumming Field mapping 2016 - 2019.
B. C.J. Jackman Field mapping 2018 - 2019.
C. J.L. Everard Field mapping 2018 - 2019.
D. J.L. Everard Field mapping 2003.
E. EVERARD, J.L. 1984. Geological reconnaissance map of the Leigh River - Horten River area. Mineral Resources Tasmania Report, UR1984Z7.

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Map produced by Spatial Information Services, Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au
GDAS - MGA Zone 55. Contour Interval: 20 metres.

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