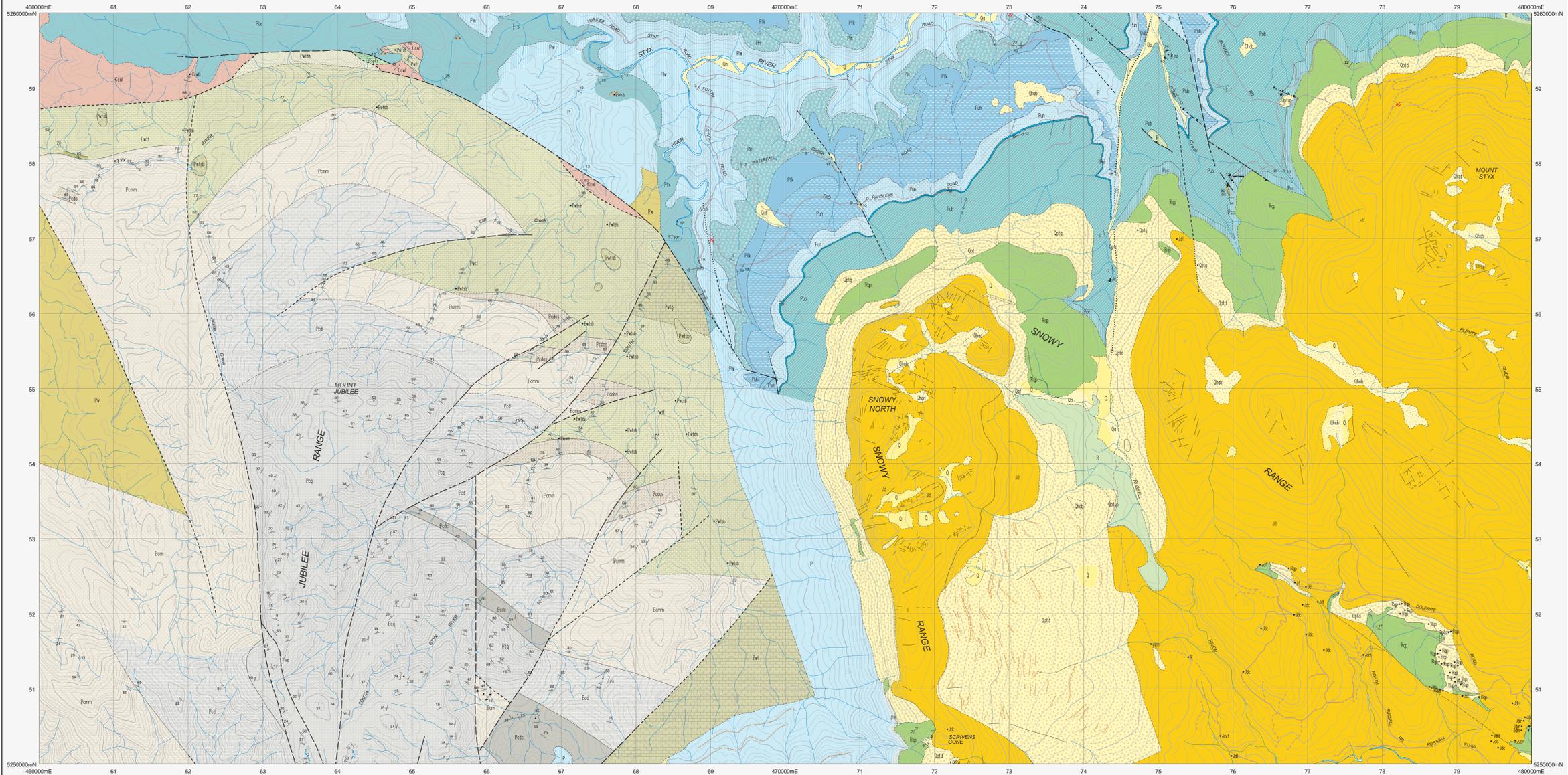


# SKELETON

Scale: 1:25 000



GENOZOIC	
QUATERNARY	<p>Ohb Marsh and swamp deposits (Ohb), highland marsh deposits with common protruding dolerite outcrops and boulders (Ohb).</p> <p>Qa Alluvial sand, gravel and clay (Qa). Some alluvial fans indicated (Qaf).</p> <p>Qp Talus (Qpt), talus composed dominantly of Jurassic dolerite boulders (Qpbt), dominantly of upper Formanese Supergroup quartz sandstone (Qpqs), dominantly of Jurassic dolerite with subordinate Upper Formanese Supergroup sandstone (Qpqt).</p> <p>Qpgr Mostly moraine deposits (Qpgr).</p>
Erosional surface.	
TRIASIC	<p>Rp Dominantly freshwater, cross-bedded quartzose sandstone and subordinate micaceous siltstone and mudstone (correlate in part of Ross Formation) (Rp).</p> <p>Rpm Locally thermal metamorphosed by Jurassic dolerite (Rpm).</p> <p>Rps Freshwater cross-bedded feldspathic sandstone, micaceous siltstone, carbonaceous beds and coal lenses at places (correlate of Cygnet Coal Measures) (Rps).</p> <p>Rm Generally unfossiliferous medium to thick-bedded marine siltstone and sandstone with limestones, some intensely bioturbated beds and rare conglomeratic siltstone layers; laminated dark grey micaceous siltstone with laminae at top (correlate of Hobbs Bay Formation) (Rm).</p> <p>Rn Well-sorted, fine to coarse-grained, marine feldspathic sandstone with quartz granules and pebbles (correlate of Hobbs Bay Formation) (Rn).</p>
PERMIAN	<p>Pm Medium to thick-bedded, generally poorly fossiliferous pebbly marine siltstone and sandstone sequence, with cliff-forming olive-brown weathered coarse-grained sandstone with cobble horizons at the base and fossiliferous sandstone at the top (correlate of Minnie Point Formation) (Pm).</p> <p>P Thin to thick-bedded, generally richly fossiliferous marine siltstone and sandstone with limestones, basal beds include dark grey calcareous siltstone; upper beds of very sparsely fossiliferous white mudstone with red stains (correlate in part of Deep Bay Formation; basal beds correlate in part of Kassa Formation) (P).</p> <p>Pk Freshwater or paralic, cross-bedded to laminated feldspathic sandstone and micaceous carbonaceous siltstone with fossil plant pieces (correlate in part of Faulkner Group) (Pk).</p> <p>Pu Sparingly to richly fossiliferous marine siltstone, sandstone and impure limestone with limestones (correlate of Bundaba Formation) (Pu).</p> <p>Pv Uniform, poorly bedded dark grey marine mudstone and siltstone with sparse greenish, tabular, limestones and pyrite nodules (correlate of Bloody Island Siltstone) (Pv).</p> <p>Pw Sparingly to richly fossiliferous pebbly dolomitic with sparse fragmentary marine fossils, mudstone and laminar, upper unit of Maydona Group of interbedded, pebbly to boulder grade conglomerate, quartzite and sandstone with some shell fossils (correlate of Triad Table) (Pw).</p>
PALEOZOIC	<p>Px Angular unconformity.</p> <p>Cwv Micaceous lithic sandstone of metamorphic and volcanic provenance, mudstone, red mudstone, and minor chert (Cwv).</p> <p>Cwb Basalt of 4620DNE S259185N (Cwb).</p> <p>Inferred unconformity.</p>

NEOPROTEROZOIC	
WILD RIVER GROUP	<p>Ew Unfossiliferous Wild River Group rocks and correlates (Ew); dolomite with minor shale, siltstone, sandstone, and conglomerate.</p> <p>Pwtg Dolomite and rare mudstone (Pwtg).</p> <p>Pwtg Dominantly calcic granitoid (Pwtg).</p> <p>Pwam Red mudstone and sandstone (correlate of Annakanda Formation) (Pwam).</p>
Low-angle unconformity	
CLARK GROUP	<p>Pcdo Dolomite (Pcdo), dominantly stromatolitic dolomite (Pcdo).</p> <p>Pcmm Dominantly mudstone and quartz siltstone (Pcmm).</p> <p>Pcdm Dominantly calcic granitoid (Pcdm).</p> <p>Pcdm Dominantly calcic granitoid (Pcdm).</p> <p>Pcdm Dolomitic mudstone, siltstone and intraclastic conglomerate (Pcdm).</p> <p>Pcq Orthoquartzite (correlate of Needles Quartzite) (Pcq).</p>
INTRUSIVE ROCKS	
	<p>Id Dolerite (Id), dolerite fragmented by periglacial processes (Id).</p> <p>Id Dolerite of various sizes (Id), 0-15 mm (Id), 15-3 mm (Id), 3-8 mm (Id) and of granite 0-1 mm with orthopyroxene phenocrysts (Id) indicated.</p>
ALTERED ROCKS	
	<p>Ewtsb Bauxite lag of silicification product (Ewtsb).</p> <p>Ewtds Bauxite of Wild River Group partly or wholly replaced by coarse crystalline quartz of massive to bauxite fabric. Silicification in part of post-Cambrian age (Ewtds).</p>

MESOZOIC	
Geological boundary - position approximate.	—
Geological boundary - inferred.	- - -
Intrusive boundary - position approximate.	—
Scarp.	—
Photo Lineament.	—
Fault - position approximate.	- - -
Fault - inferred.	- - -
Fault - concealed.	.....
Fault - position approximate, downthrown side indicated.	- - -
Fault - inferred, downthrown side indicated.	- - -
Fault - concealed, downthrown side indicated.	.....
Limit of mapping of sub-unit within unfossiliferous rock unit.	(white line)

- Dip of geological contact of unspecified type.
- Strike and dip of bedding - right way up; overturned, facing unknown.
- Horizontal bedding.
- Strike and dip of dominant joint set.
- Strike and dip of cleavage of relative local age S2.
- Trend and plunge of minor fold hinge line, unspecified relative age, vergence distrib, vergence sinistral.
- Strike and dip of cleavage of unspecified type and relative age.
- Strike of vertical outcrop-scale fault, type unspecified.
- Generalised paleocurrent direction, showing sense of movement.
- Trend and plunge of lineation of unspecified type.
- Trend and plunge of minor fold hinge line, unspecified relative age.
- Trend and plunge of minor fold hinge line, unspecified relative age.
- Notable small outcrop with rock unit indicated.
- Field station for adjacent readings on the map.
- Mineral deposit location - alluvial/alluvial } Data derived from Mineral Resources Tasmania DEPOSITS database. Data point position has not been verified in every case.
- Construction material/industrial mineral/gypsum location

Compiled by C.R. Calver, B.Sc. (Hons), Ph.D. and S.M. Forsyth, B.Sc., 1997 from the following sources (see responsibility diagram):

A C.R. Calver, 1989-1990, 1:25 000 scale mapping

B S.M. Forsyth, 1995-1997, 1:100 000 scale mapping

C C.R. Calver, Extrapolation and inference.

D S.M. Forsyth, Largely photo interpretation.

E Jago, J.B., 1972 Rep. Proc. R. Soc. Tasmania, 198:45-56.

F Avon, 1981, EL31779 Styx River, Tasmania, BHP Co Ltd Exploration Department, TCR181-1987

Updated by:

G M. Violey, 2004 as part of the Western Tasmanian Regional Minerals Program.

RESPONSIBILITY DIAGRAM

LOCATION DIAGRAM

INDEX TO ADJOINING SHEETS

ROMBERG	MADISON	LOMBARD
BONES	SKELETON	LITTO
ANNE	NEVADA	LOHNALE

1:25000 maps available

**SKELETON 4625**

REFERENCE THIS MAP AS:  
CALVER, C.R. and FORSYTH, S.M. (Compilers) 1997, Digital Geological Atlas 1:25 000 Series, Sheet 4625 Skeleton, Mineral Resources Tasmania.

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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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