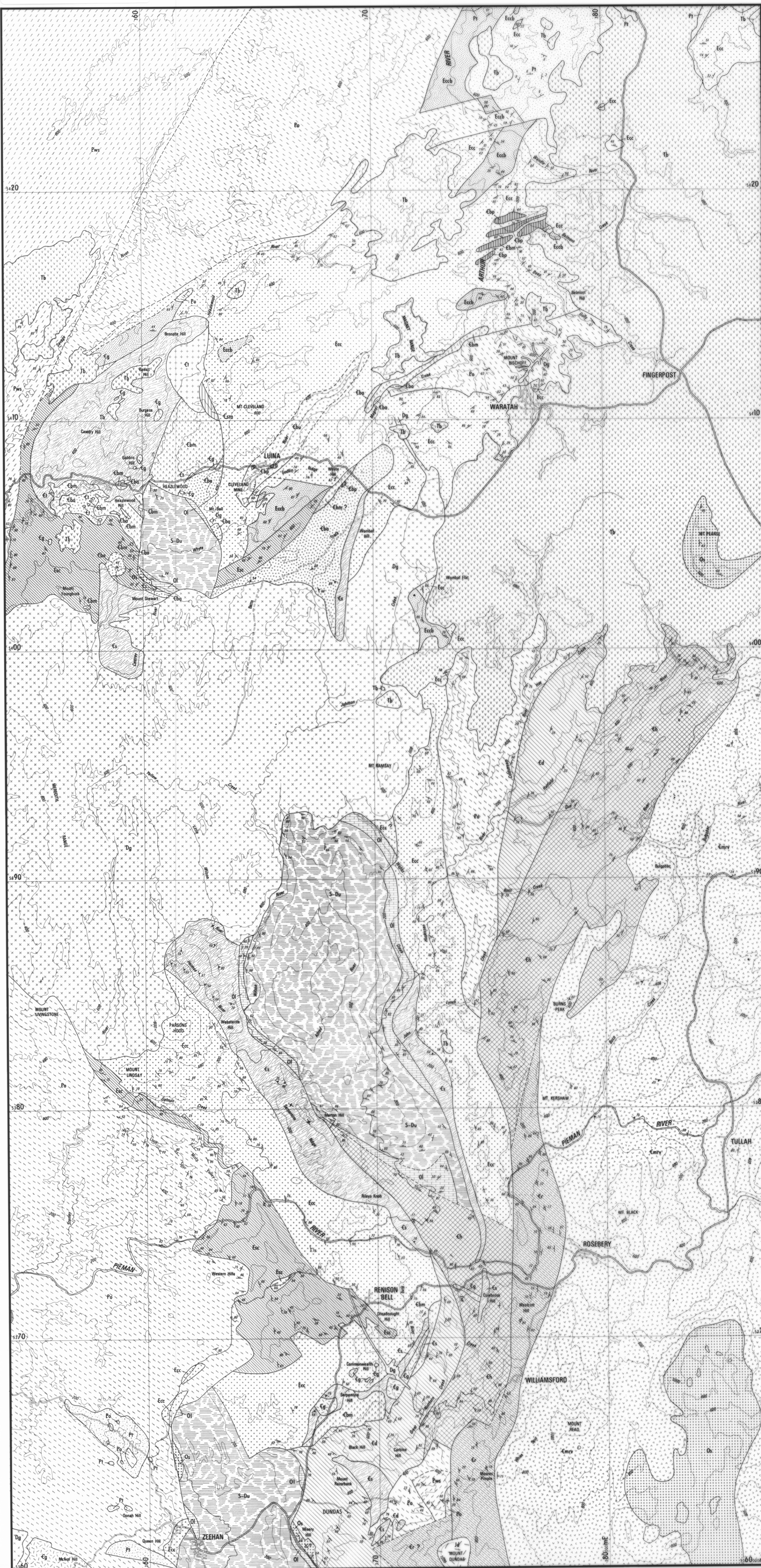


5 cm



GEOLOGICAL SURVEY OF TASMANIA

GEOLOGICAL COMPILATION OF THE ZEEHAN-WARATAH AREA, DUNDAS TROUGH

Compiled by A.V. BROWN B.Sc. (Hons.)
1984

0 2 4 6 8 10 KILOMETRES

SCALE 1:100 000

REFERENCE

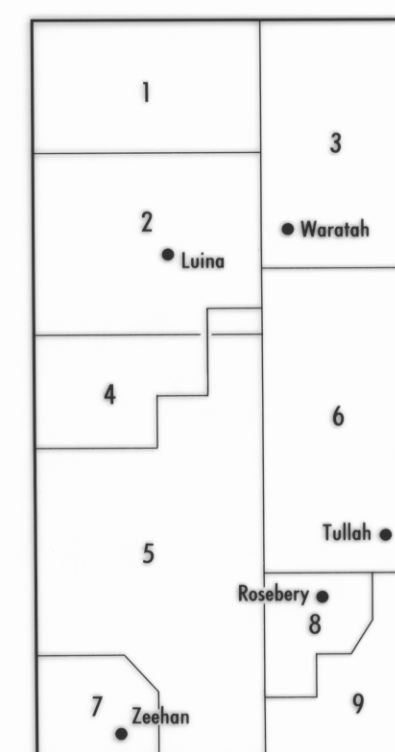
PERMO-CARBONIFEROUS	Pt	Tillite
		Landscape unconformity
SILURO-DEVONIAN	S-Du	Eldon Group and correlatives
		Disconformity
ORDOVICIAN	Ol	Gordon Limestone Sub-Group and correlatives
		Owen Formation and correlatives, including Maina Sandstone
		Disconformity
CAMBRIAN	Ed	Dundas Group and correlatives, including Huskisson Group, Ch (x x x), and Rosebery Group, Er (x x x)
		Erosional break
		Crimson Creek Formation and correlatives, areas of dominantly lava flows Ecch (x x x) indicated
EOCAMBRIAN	Esc	Success Creek Group and correlatives
		Landscape unconformity
		Onah Formation and correlatives
PRECAMBRIAN	Pw	Whyte Schist and correlatives, including Concert Schist

Igneous Rocks

TERTIARY	Tb	Alkali Olivine and Tholeiitic Basalt, with associated sediment
JURASSIC	Jd	Dolerite
DEVONIAN	Dg	Granitoids
	Dg	Gabbro
CAMBRIAN	Emrv	Pyroclastic and epiclastic acid to intermediate volcanic rocks (Mt Read Volcanics)
	Emv	Massive ultramafic cumulates
	Clu	Low-Titanium Tholeiite
	Ebu	High-Magnesian Andesite, and associated coarse-grained pyroxenite
EOCAMBRIAN	Et	Tonalite and associated rocks
	Es	Serpentinized ultramafic-mafic rocks, tectonic melange Csm () indicated

- Geological boundary, including faulted and transitional — approximate
- - - Geological boundary, including faulted and transitional — inferred
- x x x x Dip and strike of bedding, facing known, facing unknown, overturned, vertical
- x x x x Dip and strike of banding, sedimentary rocks vertical, igneous rocks, vertical

RESPONSIBILITY DIAGRAM



- 1 Air-photo interpretation
- 2 Brown, A. V. 1984 Regional Geology of the Mt Youngbuck-Magnet Area Fig. 2. *Bull. Geol. Surv. Tasm.* 62
- 3 Baillie, P.W.; Williams, P.R.; Green, G.R.; Lennox, P.G.; Seymour, D.B.; In prep. Geological Atlas 1:50 000 Series. Sheet 36 (80155). St Valentines
- 4 Williams, E. and Turner, N.J. 1974. Geological Atlas 1:250 000 Series. Sheet SK-55/3. Burnie
- 5 Brown, A.V. 1983 Regional Geology of the Dundas-Mt Lindsay-Mt Ramsay Area Fig. 1. *Bull. Geol. Surv. Tasm.* 62
- 6 After: Barton, C.M., et al. Geological Atlas 1 mile Series. Sheet 44 (8014N) Mackintosh.
- 7 Blissett, A.H., Gulline, A.B., 1962. Geological Atlas 1 mile Series. Sheet 50 (79145). Zeehan.
- 8 After: Green, G.R., 1983 The geological setting and formation of the Rosebery volcanic-hosted massive sulphide orebody, Tasmania. *Unpubl. Ph.D. Thesis Univ. Tasm.*
- 9 Corbett, K.D.; Brown, A.V., 1976 Geological Atlas 1:250 000 Series Sheet SK-55/5. Queenstown.

CARTOGRAPHY BY P.B. MANKIVELL

FIG. 3