

Tony Browns.
Mt Dundas, Mt Ramsay
Mt Lindsay area
1:50,000.

Sheet I

5 cm

REGIONAL GEOLOGY of the DUNDAS — MT. LINDSAY — MT. RAMSAY AREA

Geology by A.V. BROWN B.Sc. (Hons) 1983

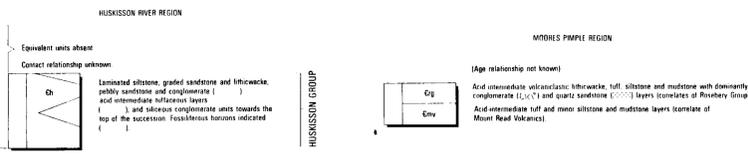
CARTOGRAPHY BY P. B. NANKIVELL

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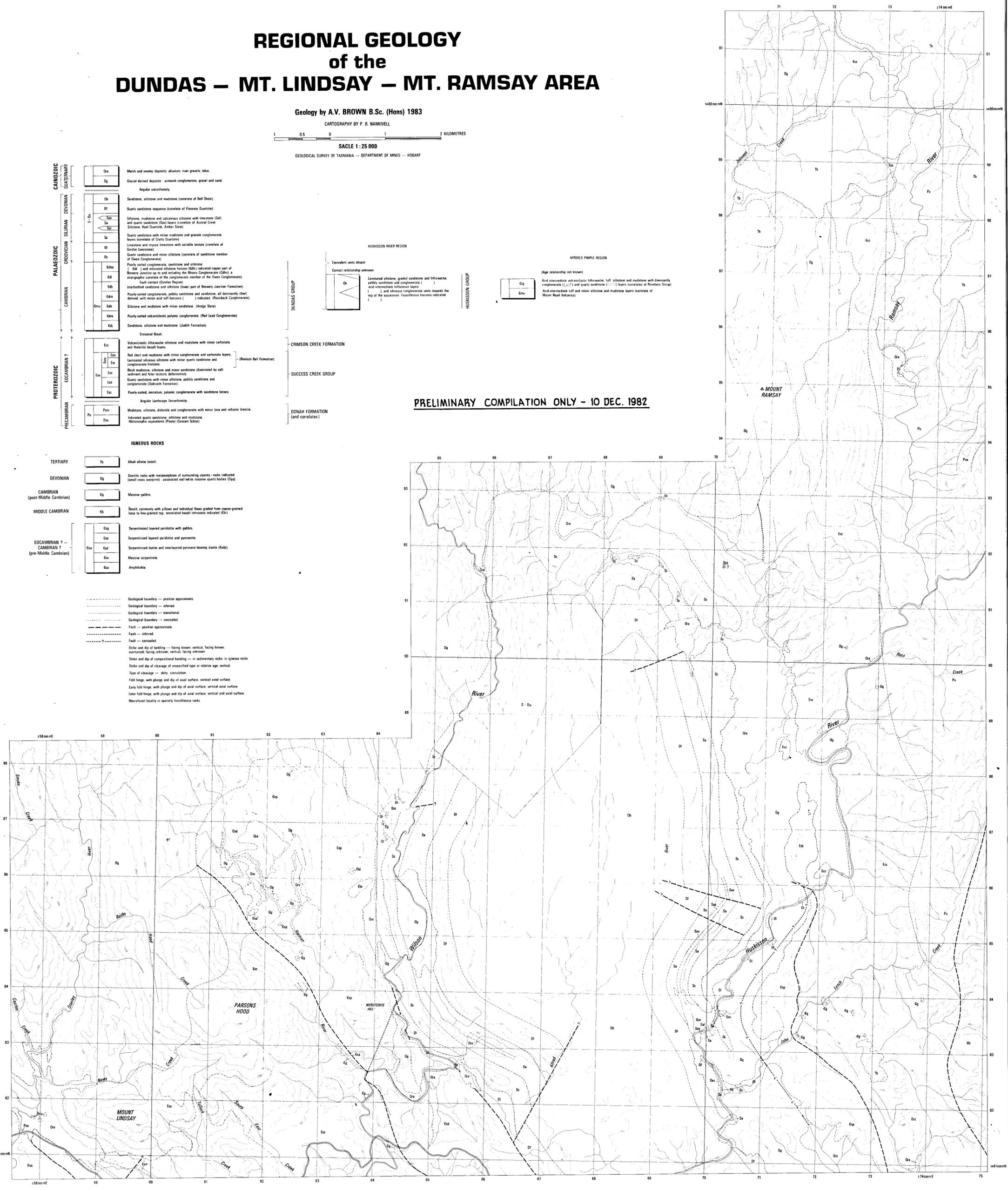
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GEOLOGICAL SURVEY OF TASMANIA — DEPARTMENT OF MINES — HOBART

CAMBROZIC QUATERNARY	Qa	Marsh and swampy deposits; alluvium; river gravels; talus.	
	Qp	Glacial derived deposits: outwash conglomerate, gravel and sand.	
	Angular unconformity.		
	Db	Sandstone, siltstone and mudstone (correlates of Bell Shale).	
	Df	Quartz sandstone sequence (correlates of Florence Quartzite).	
	Sa	Siltstone, mudstone and calcareous siltstone with limestone (Ss) and quartz sandstone (Ss) layers (correlates of Dundas Creek Siltstone, Keel Quartzite, Amber Slate).	
	Ss	Quartz sandstone with minor mudstone and variable conglomerate layers (correlates of Crilly Quartzite).	
	Dr	Limestone and impure limestone with variable texture (correlates of Gordon Limestone).	
	Ds	Quartz sandstone and minor siltstone (correlates of sandstone member of Owen Conglomerate).	
	Edm	Poorly sorted conglomerate, sandstone and siltstone (Ed) and interbedded siltstone horizon (Edm) indicated (upper part of Brewery Junction up to and including the Misyra Conglomerate (Edm), a stratigraphic correlate of the conglomerate member of the Owen Conglomerate).	
PALAEOZOIC	Edi	Interbedded sandstone and siltstone (lower part of Brewery Junction Formation).	
	Edb	Poorly sorted conglomerate, pebbly sandstone and siltstone, all dominantly chert derived, with minor acid tuff horizons (Ed) indicated (Rosedale Conglomerate).	
	Ede	Siltstone and mudstone with minor sandstone. (Hedge Silt).	
	Edd	Poorly sorted volcanoclastic polymic conglomerate. (Red Lead Conglomerate).	
	Edd	Sandstone, siltstone and mudstone. (Judith Formation).	
	Erosional Break		
	Ecc	Volcanoclastic lithiclastic siltstone and mudstone with minor carbonate and tholeiitic basalt layers.	
	Em	Red chert and mudstone with minor conglomerate and carbonate layers.	
	Em	Laminated siliceous siltstone with minor quartz sandstone and conglomerate horizons. (Remion Bell Formation)	
	Em	Black mudstone, siltstone and minor sandstone (dominated by soft sediment and later tectonic deformation).	
PROTEROZOIC	Em	Quartz sandstone with minor siltstone, pebbly sandstone and conglomerate (Baksoth Formation).	
	Em	Poorly sorted, immature, polymic conglomerate with sandstone lenses.	
	Angular Landscape Unconformity		
	Pom	Mudstone, siltstone, dolomite and conglomerate with minor lava and volcanic breccia.	
	Pm	Indurated quartz sandstone, siltstone and mudstone.	
	Pm	Metamorphic equivalents (Pom) (Concord Schist)	
	IGNEOUS ROCKS		
	TERTIARY	Tb	Alkali olivine basalt.
		Tg	Granitic rocks with metamorphism of surrounding country - rocks indicated (small cross overprint) - associated red/white massive quartz bodies (Tg).
	DEVONIAN	Dg	Granitic rocks with metamorphism of surrounding country - rocks indicated (small cross overprint) - associated red/white massive quartz bodies (Dg).
Dg		Massive gabbro.	
CAMBRIAN (post-Middle Cambrian)	Cg	Basalt, commonly with pillows and individual flows graded from coarse-grained base to fine-grained top; associated basalt intrusions indicated (Cb).	
	Cb	Serpentinized layered peridotite with gabbro.	
MIDDLE CAMBRIAN	Csp	Serpentinized layered peridotite and pyroxenite.	
	Csd	Serpentinized diatase and interlayered pyroxene bearing diatase (Edp).	
	Csu	Massive serpentinite.	
	Csu	Amphibolite.	
	Csu	Amphibolite.	



PRELIMINARY COMPILATION ONLY - 10 DEC. 1982



- Geological boundary — position approximate.
- Geological boundary — inferred.
- Geological boundary — transitional.
- Geological boundary — concealed.
- Fault — position approximate.
- Fault — inferred.
- Fault — concealed.
- Strike and dip of bedding — facing known; vertical, facing known; overprinted; facing unknown; vertical, facing unknown.
- Strike and dip of compositional banding — in sedimentary rocks; in igneous rocks.
- Strike and dip of cleavage of unroofed type or relative age; vertical.
- Type of cleavage — slaty; crenulation.
- Fold hinge, with plunge and dip of axial surface; vertical axial surface.
- Early fold hinge, with plunge and dip of axial surface; vertical axial surface.
- Later fold hinge, with plunge and dip of axial surface; vertical axial surface.
- Microfossil locality in sparsely fossiliferous rocks.