

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

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

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SCALE 1:25 000

GEOLOGICAL SURVEY OF TASMANIA — DEPARTMENT OF MINES — HOBART

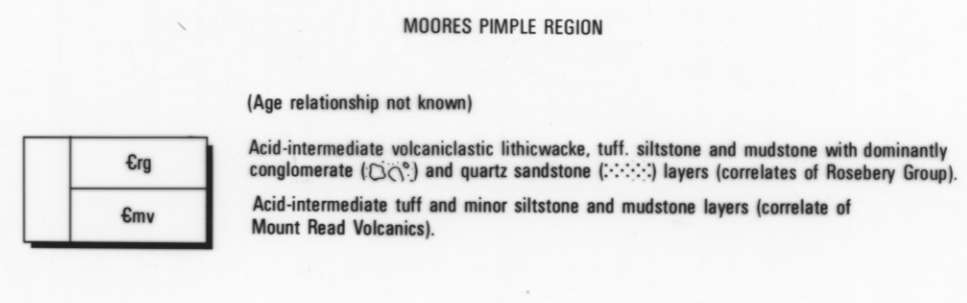
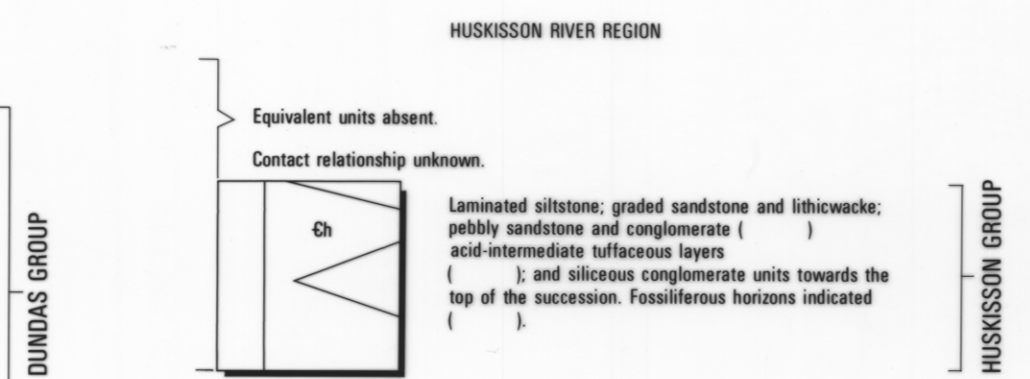
CAMBRIAN
DEVONIAN
SILURIAN
ORDOVICIAN
PALAEOZOIC
CAMBRIAN
PROTEROZOIC
EDOCAMBRIAN ?
PRECAMBRIAN

Qa	Marsh and swamp deposits; alluvium; river gravels; talus.
Qg	Glacial derived deposits: outwash conglomerate, gravel and sand.
Angular unconformity	
Dh	Sandstone, siltstone and mudstone (correlative of Bell Shale).
Di	Quartz sandstone sequence (correlative of Florence Quartzite).
Sa	Siltstone, mudstone and calcareous siltstone with limestone (Sill and quartz sandstone (Sill) layers (correlative of Anson Creek Siltstone, Keel Quartzite, Amber Slate).
Sc	Quartz sandstone with minor mudstone and granite conglomerate lenses (correlative of Cully Quartzite).
Di	Limestone and impure limestone with variable texture (correlative of Gordon Limestone).
Os	Quartz sandstone and minor siltstone (correlative of sandstone member of Owen Conglomerate).
Gdn	Poorly sorted conglomerate, sandstone and siltstone (Gdn 1) and indurated siltstone horizon (Gdn 2) indicated (upper part of Brewery Junction up to and including the Mistry Conglomerate (Gdn), a stratigraphic correlative of the conglomerate member of the Owen Conglomerate).
Gd	Fault contact (Dundas Region).
Gdb	Indurated sandstone and siltstone (lower part of Brewery Junction Formation).
Gdb	Poorly sorted conglomerate, pebbly sandstone and sandstone, all dominantly chert derived, with minor acid tuff horizons () indicated. (Roughback Conglomerate).
Gdb	Siltstone and mudstone with minor sandstone. (Hodge Slate).
Gdb	Poorly sorted volcanoclastic polymic conglomerate. (Red Lead Conglomerate).
Gd	Sandstone, siltstone and mudstone. (Julith Formation).
Erosional Break	
Ecc	Volcanoclastic tuffaceous siltstone and mudstone with minor carbonate and dolomite basalt layers.
Esr	Red chert and mudstone with minor conglomerate and carbonate layers.
Esr	Laminated siliceous siltstone with minor quartz sandstone and conglomerate horizons.
Esr	Black mudstone, siltstone and minor sandstone (dominated by soft sediment and later tectonic deformation).
Esr	Quartz sandstone with minor siltstone, pebbly sandstone and conglomerate (Dulcoth Formation).
Esr	Poorly sorted, immature, polymic conglomerate with sandstone lenses.
Angular Landscape Unconformity	
Fm	Mudstone, siltstone, dolomite and conglomerate with minor lava and volcanic breccia.
Fm	Indurated quartz sandstone, siltstone and mudstone.
Fm	Metamorphic equivalents (Pron) (Concord Schist).

IGNEOUS ROCKS

Tb	Alkali olivine basalt.
Dg	Granitic rocks with metamorphism of surrounding country - rocks indicated (small cross overprint); associated red/white massive quartz bodies (Dg).
Gg	Massive gabbro.
Gb	Basalt, commonly with pillow and individual flows graded from coarse-grained base to fine-grained top; associated basalt intrusions indicated (Gb).
Gsp	Serpentinized layered peridotite with gabbro.
Gsp	Serpentinized layered peridotite and pyroxenite.
Gsd	Serpentinized dolomite and interlayered pyroxene-bearing dolomite (Eddy).
Gss	Massive serpentinite.
Gsa	Amphibolite.

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; overturned; facing unknown; vertical, facing unknown.
 Strike and dip of compositional banding — in sedimentary rocks; in igneous rocks.
 Strike and dip of cleavage of unspecified 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.
 Macrofossil locality in sparsely fossiliferous rocks.



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