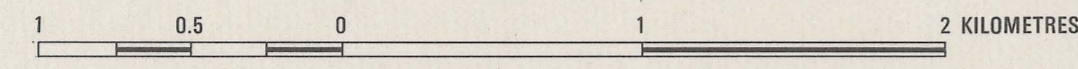


REGIONAL GEOLOGY of the DUNDAS — MT. LINDSAY — MT. RAMSAY AREA

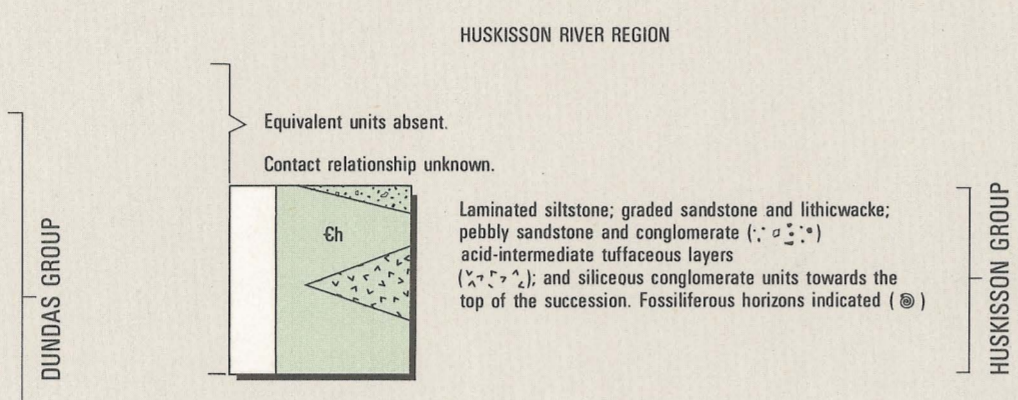
Geology by A.V. BROWN B.Sc. (Hons)

CARTOGRAPHY BY P. B. NANKIVELL



SCALE 1 : 25 000
1983

CENOZOIC	Quaternary	Qra	Marsh and swamp deposits: alluvium, river gravels, talus.
	Quaternary	Qg	Glacial derived deposits: outwash conglomerate, gravel and sand.
	Devonian	Db	Sandstone, siltstone and mudstone (correlate of Bell Shale).
		Dq	Quartz sandstone sequence (correlate of Florence Quartzite).
	Silurian	Sa	Siltstone, mudstone and calcareous siltstone with limestone (Sa) and quartz sandstone (Saq) layers (correlate of Austral Creek Shale, Keel Quartzite, Amber Shale).
		Sc	Quartz sandstone with minor mudstone and granite conglomerate layers (correlate of Cresty Quartzite).
	Ordovician	Od	Limestone and argillaceous limestone with variable texture (correlate of Gordon Limestone).
		Oa	Quartz sandstone and minor siltstone.
	Cambrian	Edm	Poorly sorted conglomerate, sandstone and siltstone (Ed) with indurated siltstone horizon (Edi) indicated (upper part of Brewery Junction up to and including the Misy Conglomerate (Edm)).
		Edi	Fault contact (Dundas Region).
Edb		Interbedded sandstone and siltstone (lower part of Brewery Junction Formation).	
Edc		Poorly sorted conglomerate, pebbly sandstone and sandstone, all dominantly chert derived, with minor acid tuff horizons (-, +, *) indicated (Rozhnok Conglomerate).	
Edm		Siltstone and mudstone with minor sandstone. (Hodge Shale).	
Precambrian	Edn	Poorly sorted volcaniclastic polyim conglomerate. (Red Lead Conglomerate).	
	Edj	Sandstone, siltstone and mudstone. (Judith Formation).	
	Ecc	Erosional Break.	
	Ecc	Volcaniclastic lithiclastic siltstone and mudstone with minor carbonate and tholeiitic basalt. Areas of dominantly basalt indicated (Eccb).	



Proterozoic	Edcam	Red chert and mudstone with minor conglomerate and carbonate layers. Laminated siliceous siltstone with minor quartz sandstone and conglomerate horizons.	(Reinson Bell Formation)
	Edu	Black mudstone, siltstone and minor sandstone (dominated by soft sediment and later tectonic deformation).	
Edcam	Edu	Quartz sandstone with minor siltstone, pebbly sandstone and conglomerate (Delcath Formation).	
	Edu	Poorly sorted, immature, polyim conglomerate with sandstone lenses.	
Precambrian	Edu	Mudstone, siltstone, dolomite and conglomerate with minor lava and volcanic breccia.	
	Edu	Indurated quartz sandstone, siltstone and mudstone. Metamorphic equivalents (Edu) (Concord Schist) indicated.	

Tertiary	Tb	Alkali olivine basalt, with interbasalt sedimentary deposits indicated (Tb). (Tb)
Devonian	Dg	Granitic rocks with metamorphism of surrounding country rocks indicated (small cross overprint): associated and/or minor massive quartz bodies (Dg).
Cambrian (post-Middle Cambrian)	Gg	Massive gabbro.
Middle Cambrian	Sb	Basalt, commonly with pillows and individual flows graded from coarse-grained base to fine-grained top; associated basalt intrusions indicated (Sb).
Edcam	Ssg	Serpentinized layered peridotite with gabbro.
	Ssp	Serpentinized layered peridotite and pyroxenite.
	Ssd	Serpentinized dunite and interlayered pyroxene-bearing dunite (Ssd).
	Sss	Massive serpentine.
	Ssa	Amphibolite.

Geological boundary — position approximate.
 Geological boundary — inferred.
 Geological boundary — transitional.
 Geological boundary — cancelled.
 Fault — position approximate.
 Fault — inferred.
 Fault — cancelled.
 Strike and dip of bedding — facing known, vertical, facing unknown, 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.

