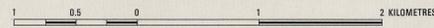


REGIONAL GEOLOGY of the DUNDAS — MT. LINDSAY — MT. RAMSAY AREA

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

CARTOGRAPHY BY P. B. NANKIVELL

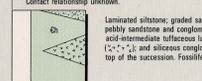


SCALE 1:25 000
1983

CAINZOIC	Quaternary	Qa	Marsh and swamp deposits; alluvium; river gravels; talus.
	Quaternary	Qg	Glacial derived deposits: outwash conglomerate, gravel and sand.
PALAEOZOIC	DEVONIAN	Ds	Sandstone, siltstone and mudstone (correlate of Bell Shale).
		Df	Quartz sandstone sequence (correlate of Florence Quartzite).
	SILURIAN	Sas	Siltstone, mudstone and calcareous siltstone with limestone (Ss) and quartz sandstone (Ssa) layers (correlate of Austral Creek Siltstone, Kool Quartzite, Amber Stone).
		Sa	Quartz sandstone with minor mudstone and granite conglomerate layers (correlate of Cesty Quartzite).
	ORDOVICIAN	Di	Limestone and impure limestone with variable texture (correlate of Gordon Limestone).
		Dm	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 Misery Conglomerate (Edm)).
		Edi	Fault contact (Dundas Region).
	MIDDLE CAMBRIAN	Edb	Indurated sandstone and siltstone (lower part of Brewery Junction Formation).
		Edra	Poorly sorted conglomerate, pebbly sandstone and sandstone, all dominantly chert derived, with minor acid salt horizons (+, +, +) indicated (Roughback Conglomerate).
Edm		Siltstone and mudstone with minor sandstone. (Hedge Stone).	
Eda		Poorly-sorted volcanoclastic polyimic conglomerate. (Red Lead Conglomerate).	
Edg		Sandstone, siltstone and mudstone. (Judith Formation).	
Edc		Essential Break.	
EARLY CAMBRIAN	Ecc	Volcanoclastic lithiclastic siltstone and mudstone with minor carbonate and tholeiitic basalt. Areas of dominantly basalt indicated (Ecc1).	
	Eer	Red chert and mudstone with minor conglomerate and carbonate layers.	
PROTEROZOIC	Eocambrian?	Esr	Laminated siliceous siltstone with minor quartz sandstone and conglomerate horizons.
		Esu	Black mudstone, siltstone and minor sandstone (dominated by soft sediment and later tectonic deformation).
	Precambrian	Esd	Quartz sandstone with minor siltstone, pebbly sandstone and conglomerate (Balcaath Formation).
		Esc	Poorly-sorted, immature, polyimic conglomerate with sandstone lenses.

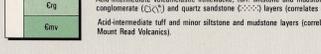
HUSSISSON RIVER REGION

Equivalent units absent. Contact relationship unknown.



MIDRES PAMPLE REGION

(Age relationship not known)



TERTIARY	Tb	Alkali olivine basalt, with interbasalt sedimentary deposits indicated (::::) Ts
	Dg	Granitic rocks with metamorphism of surrounding country - rocks indicated (small cross overprint) - associated red/white massive quartz bodies (Dg).
DEVONIAN	Dg	Granitic rocks with metamorphism of surrounding country - rocks indicated (small cross overprint) - associated red/white massive quartz bodies (Dg).
	Dg	Granitic rocks with metamorphism of surrounding country - rocks indicated (small cross overprint) - associated red/white massive quartz bodies (Dg).
CAMBRIAN (post-Middle Cambrian)	Eg	Massive gabbro.
	Eg	Massive gabbro.
MIDDLE CAMBRIAN	Eb	Basalt, commonly with pillows and individual flows graded from coarse-grained base to fine-grained top; associated basalt intrusions indicated (Ei).
	Eb	Basalt, commonly with pillows and individual flows graded from coarse-grained base to fine-grained top; associated basalt intrusions indicated (Ei).
Eocambrian? - Cambrian? (pre-Middle Cambrian)	Esg	Serpentinized layered peridotite with gabbro.
	Esp	Serpentinized layered peridotite and pyroxenite.
	Esd	Serpentinized dunite and interlayered pyroxene-bearing dunite (Esd).
	Esr	Massive serpentinite.
	Esa	Amphibolite.
	Esa	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; overprint; 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 and axial surface.
- Macrofossil locality in sparsely fossiliferous rocks.

