



Figure 1. Regional geology of the western Churchill Province and environs.

Metamorphic Zones		Age abbreviations (Ga)		Lithostratigraphic units	
Note: Not all zones and patterns appear on the map		1910-1870	2000-1920	Units (2000-1900 Ma)	
Greenschist	[Symbol]	1.90	1.93	Ultramylonitic sedimentary rocks	[Symbol]
Greenschist-Lower Amphibolite	[Symbol]	u l h	u l h	Mesoproterozoic sediments	[Symbol]
Amphibolite	[Symbol]	u l h	u l h	Phanerozoic sediments	[Symbol]
Lower-amphibolite	[Symbol]	u l h	u l h	Ultramylonitic - gneiss	[Symbol]
Middle-amphibolite	[Symbol]	u l h	u l h	Ultramylonitic - gneiss (Shear and/or folded)	[Symbol]
Upper-amphibolite	[Symbol]	u l h	u l h	Mostly ultramylonitic (Highly deformed Western Churchill Province)	[Symbol]
Upper Amphibolite - Granulite	[Symbol]	u l h	u l h	Glacier	[Symbol]
Granulite (Regional leaching = medium pressure)	[Symbol]	u l h	u l h	Fault/boundary (no age implied)	[Symbol]
Eclogite	[Symbol]	u l h	u l h	Geological boundary (defined)	[Symbol]
Charnockite/Enderbite	[Symbol]	u l h	u l h	Fault/Shear zone (defined, under cover)	[Symbol]
Ultramylonitic granulite (ca. 2000-1910 Ma)	[Symbol]	u l h	u l h	Thrust fault	[Symbol]
Medium pressure granulite (ca. 1.90 Ga)	[Symbol]	u l h	u l h	Artes fault	[Symbol]
Low pressure amphibolite (ca. 1.90 Ga)	[Symbol]	u l h	u l h	Shear/fault (defined)	[Symbol]
				Geochronological Data	
				Method	
				U/Pb zircon	[Symbol]
				U/Pb monazite	[Symbol]
				U/Pb rutile (ZMP)	[Symbol]
				U/Pb rutile	[Symbol]
				U/Pb zircon	[Symbol]
				K/Ar muscovite	[Symbol]
				K/Ar biotite	[Symbol]
				Sm/Nd	[Symbol]
				Age constraint maximum grade of event	[Symbol]
				Rock type for geochronological data (symbols above)	
				Granulite/volcanic rock	[Symbol]
				Basalt	[Symbol]
				Gabbro	[Symbol]
				Sedimentary rock	[Symbol]

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METAMORPHIC MAP OF THE WESTERN CHURCHILL PROVINCE
 CANADA
 Sheet 2: ca. 2.0-1.92 Ga and 1.91-1.87 Ga events
 Scale 1:2 500 000 (Scale 1:2 500 000)
 Author: R.G. Berryman
 Compiled by: R.G. Berryman, 2004-2009 with regional contribution by:
 A. J. Alcott, C. Cook, R. G. Berryman (Geology);
 D. Goffin, M. J. Van der Pluijm, T. Coker, P. Gilbert (Metamorphic);
 M. St-Onge (Geochronology);
 P. Thompson (Thrust faults)