



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

Metamorphic Zones	
Note: Not all colours and patterns appear on this map.	
Dominant Age (Ma) 1860-1750	
Pressure subdivisions: (undivided (u), low (l), high (h))	
Subgreenschist	u l h
Greenschist	u l h
Greenschist-Lower Amphibolite	u l h
Amphibolite	u l h
Lower Amphibolite	u l h
Middle Amphibolite	u l h
Upper Amphibolite	u l h
Upper Amphibolite - Granulite	u l h
Granulite (diagonal hatching - medium pressure)	u l h
Charnokite/Enderbite	u l h
Unmetamorphosed granite (ca. 1750, 1820 Ma)	u l h
Unmetamorphosed sedimentary rocks (ca. 1750, 1820 Ma)	u l h
Unmetamorphosed igneous rocks (ca. 1750, 1820 Ma)	u l h
Metamorphic sediments (unmetamorphosed)	u l h
Phanerozoic sediments (unmetamorphosed)	u l h
Unmetamorphosed - subgreenschist (regions outside Western Churchill Province)	u l h
Mostly unmetamorphosed (regions outside Western Churchill Province)	u l h
Granite	u l h
Fault/boundary (no age implied)	
Geological boundary (dashed)	u l h
Fault/boundary zone (solid, under cover)	u l h
Thrust fault	u l h
Strike-slip fault	u l h
Shear-sense fault (dashed)	u l h
Geochronological Data	
Method	u l h
U/Pb zircon	u l h
U/Pb monazite	u l h
U/Pb titanite	u l h
K/Ar hornblende	u l h
K/Ar garnet	u l h
Rb/Sr muscovite	u l h
Age constrains maximum grade of diagenesis event	u l h
Rock type for geochronological date (diagram above)	u l h
Crystallite/igneous rock	u l h
Sediment	u l h
Basalt	u l h
Gabbro	u l h
Sedimentary rock	u l h