



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

- Phanerozoic cover
- Regions outside western Churchill
- Intracratonic basins (ca 1.7 Ga)
- Nueltin granite (1.76–1.75 Ga)
- Granite (1.85–1.82 Ga)
- Granitic plutons (1.87–1.85 Ga)
- Granitic plutons (2.0–1.9 Ga)
- Snowbird tectonic zone granitoids (1.9 Ga and 2.5 Ga)
- Trans-Hudson orogenic belt (1.9–1.81 Ga)
- 2.1–1.8 Ga sedimentary rocks
- Huronian, older province (>1.95 Ga, and 2.45–2.1 Ga)
- 2.5–2.4 Ga Sibley Group
- Meta-Incoignita basement
- Greensstone belt (mostly ca. 2.7 Ga)
- 2.7–2.8 Ga or gneiss (Rae, Home, Ca)
- Thrust fault potential suture
- Ice cap

**Abbreviations:**  
 BP = Boothia Peninsula  
 CB = Chesterfield block  
 CM = Cumberland Batholith  
 CU = Cumberland Batholith  
 LI = Lyle Group  
 M = Meta-Incoignita microcontinent  
 MP = Melville Peninsula  
 P = Penny Group  
 QM = Queen Maud  
 S = Saglek Block  
 STZ = Snowbird tectonic zone  
 WB = Western Batholith

**Metamorphic Zones**  
 Note: Not all colours and patterns appear on this map.

**Dominant Age (Ma)**

2500–2300	2560–2500
Pressure and diagenesis: (undivided (u), low (l), high (h))	u l h u l h
Subgreenschist	[Symbol]
Greenschist	[Symbol]
Greenschist-Lower Amphibolite	[Symbol]
Amphibolite	[Symbol]
Lower Amphibolite	[Symbol]
Middle Amphibolite	[Symbol]
Upper Amphibolite	[Symbol]
Upper Amphibolite - Granulite	[Symbol]
Granulite (diagonal hatching = medium pressure)	[Symbol]

**Geochronological Data**

- U/Pb zircon
- U/Pb monazite
- U/Pb titanite
- K/Ar hornblende
- K/Ar biotite
- Rb/Sr muscovite
- Age constraints maximum grade of displayed event
- Rock type for geochronological date (symbols above)
- Granulite/ultramylonite
- Basalt
- Gabbro
- Sedimentary rock

**Other Symbols:**

- Metamorphic sediments (unmetamorphosed)
- Phanerozoic sediments (unmetamorphosed)
- Unmetamorphosed - subgreenschist (Shovel and/or Enderby)
- Muddy unmetamorphosed (regions outside Western Churchill Province)
- Glacier
- Fault/boundary (no age implied)
- Geological boundary (dashed)
- Fault/other zone (dashed, under cover)
- Thrust fault
- Strike fault
- Strike-slip fault (dashed)

