



**LEGEND**

**PRECAMBRIAN**

4 Mafic dyke  
 Intrusive contact

3 BERNIC LAKE FORMATION: mafic volcaniclastic rock  
 unconformity (?) fault (?)

**BIRD RIVER SILL**

Mafic Series  
 2C5 Upper Gabbro Zone; gabbro, anorthositic gabbro, diorite  
 2C4 Trondhjemite Zone; trondhjemite, apfite, diorite  
 2C3 Quartz Gabbro-Diorite Zone; gabbro, diorite  
 2C2 Xenolith Zone; pyroxene rich gabbro, pegmatitic to glomeroporphyritic, containing blocks of medium to coarse grained gabbro  
 2C1 Lower Gabbro Zone; pegmatitic gabbro

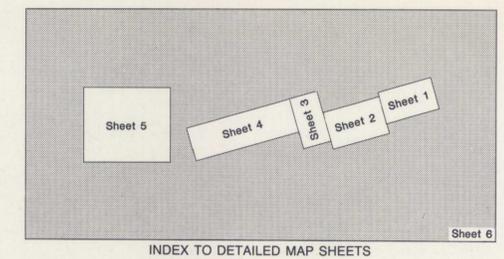
Transition Series  
 2B Transition Series (undivided here); peridotite, gabbro

Ultramafic Series  
 2A5 Chromitiferous Zone; interlayered peridotite and chromitite  
 2A4 Massive Peridotite Zone; peridotite  
 2A3 Layered Zone; peridotite interlayered with massive chlorite rock, gabbro  
 2A2 Megadendritic Zone; peridotite  
 2A1 Contact Zone (not shown at this scale); plagioclase bearing peridotite  
 Intrusive contact

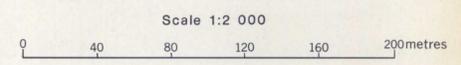
1 LAMPREY FALLS FORMATION; basalt, gabbro

Outcrop limit  
 Geological contact (defined, assumed)  
 Igneous layering (inclined, overturned, dip unknown)  
 Fault (defined, assumed)  
 Mining/exploration pit  
 Bush road or trail (may be severely overgrown)

Geology by W.J. Russell (1987), B.L. Williamson (1985-1988), P.L. Schwann (1986, 1987), K.A. Hudson (1987), J.S. Scoates (1986) and R.F.J. Scoates (1987)



**Geology of the Bird River Sill at the Chrome property, Bird River, Manitoba**



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