

### Bedrock geology of the Cat Creek area, Bird River greenstone belt, southeastern Manitoba (part of NTS 52L12)

Scale 1:10 000

NAD 1983 UTM Zone 15

**References:**

Cémy, P., Trueman, D.J., Zehlike, D.V., Good, B.E. and Paul, B.J. 1981. The Cat Lake-Winnipeg River and the Wukus Lake pegmatite field, Manitoba, Canada, and their relationship to the Mayville mafic-ultramafic intrusion. Economic Geology, v. 76, p. 116-126.

Gilbert, H.P. 2008. Geology of the western part of the Bird River area, southeastern Manitoba (NTS 52L12). Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Preliminary Map PMAP2008-6, scale 1:20 000.

Gilbert, H.P., Davis, D.W., Duguet, M., Kremer, P.D., Mealin, C.A. and MacDonald, J. 2008. Geology of the Bird River Belt, southeastern Manitoba (NTS 52L12). Manitoba Geological Survey, Preliminary Map PMAP2008-5, scale 1:20 000.

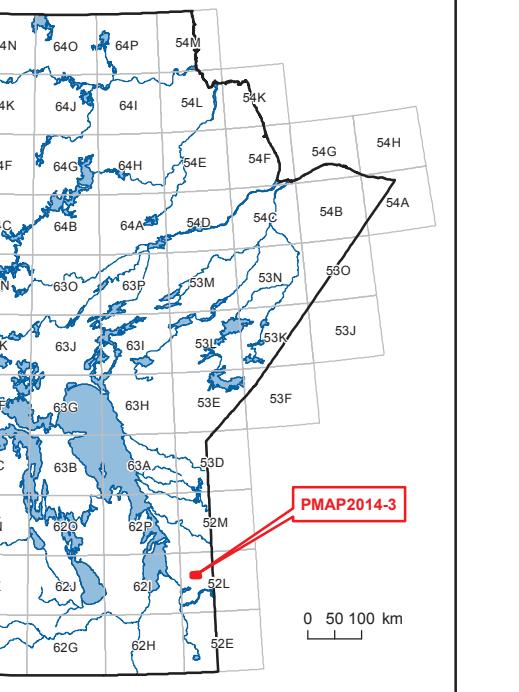
Houle, L. 2013. New age for the Mayville intrusion: implication for a large mafic-ultramafic event in the Bird River greenstone belt, southeastern Manitoba (abstract). Geological Association of Canada-Mineralogical Association of Canada Joint Annual Meeting, Winnipeg, Manitoba, May 22-24, 2013. Program with Abstracts, p. 115.

MacK, J. 1987. Geology of the Bird River area, southeastern Manitoba. Manitoba Energy and Mines 1887, Pointe du Bois, NTS 52L, Manitoba Energy and Mines, Minerals Division, Bedrock Geology, Geological Report.

Peck, D.C., Theyer, P., Bailes, A.H. and Chomley, J. 1999. Field and lithogeochemical investigations of mafic and ultramafic rocks and associated Cu-Ni-PGE mineralization in the Bird River greenstone belt (part of NTS 52L). In: Report of Activities 1999, Manitoba Minerals Branch, Manitoba Geological Survey, v. 1, p. 1-10.

Springer, G.D. 1949. Geology of the Cat Lake - Winnipeg River Area, Manitoba Mines Branch, Preliminary Report and Map 48-7, 15 p.

Wang, X. 1993. U-Pb zircon geochronology study of the Bird River greenstone belt, southeastern Manitoba. M.Sc. Thesis, University of Windsor, Windsor, Ontario, 96 p.



**Geology by: X.M. Yang**  
Cartography by: M.E. McFarlane  
Published by: Manitoba Mineral Resources  
Manitoba Geological Survey, 2014  
This map is a provisional summary of work carried out during the summer field season and is produced directly from the geologist's manuscript.  
It is not to be regarded as a final interpretation of the geology of the area.