

PUBLICATIONS

PRELIMINARY MAPS

- PMAP2010-1 Precambrian geology of the Seal River region, Manitoba (parts of NTS 54L, M, 64I, P)
by S.D. Anderson, C.O. Böhm and E.C. Syme.....scale 1:75 000
- PMAP2010-2 Geology of the Misty Lake area, northwestern Manitoba (parts of NTS 64K12, 13, 64N4)
by P.D. Kremer, A.R. Carlson and C.G. Couëslan.....scale 1:75 000
- PMAP2010-3 Geology of the Snow Lake–Squall Lake–Herblet Lake area, Manitoba (parts of NTS 63K16, 63J13)
by S. Gagné and C.J. Beaumont-Smith.....scale 1:20 000

Manitoba Geological Survey Reports and Maps

Geoscientific Reports

GR2010-1

Geology and geochemical evolution of the northern Flin Flon and southern Kisseynew domains, Kississing–File lakes area, Manitoba (parts of NTS 63K, N)

by H.V. Zwanzig and A.H. Bailes

Geoscientific Presentations

PRES2008-16

Gold in Manitoba: short course presentations given at the Manitoba Mining and Minerals Convention, November 20, 2008

PRES2007-18

Exploring for volcanic massive sulphide deposits: short course presentations given at the Manitoba Mining and Minerals Convention, November 15, 2007

PRES2009-26

Drift exploration in Manitoba: short course presentations given at the Manitoba Mining and Minerals Convention, November 19, 2009

Geoscientific Maps

MAP2010-1

Geology of the Flin Flon area, Manitoba and Saskatchewan (part of NTS 63K12, 13)

by R-L. Simard, K. MacLachlan, H.L. Gibson, Y.M. DeWolfe, C. Devine, P.D. Kremer, B. Lafrance, D.E. Ames, E.C. Syme, A.H. Bailes, K. Bailey, D. Price, S. Pehrsson, E. Cole, D. Lewis and A.G. Galley

Open Files

OF2010-1

Measured sections in the Lower and Upper volcanic formations, Fox River Belt, Manitoba (parts of NTS 53M16 and 53N13)

by E.C. Syme

OF2010-2

GIS compilation of relogged sub-Phanerozoic Precambrian exploration drillcore from the Cormorant and Shield Margin projects (parts of NTS 63J, 63K, 63L)

by C.R. McGregor

OF2010-3

Regional lake sediment geochemical data, Great Island–Seal River area, Manitoba (NTS 54L, 54M, 64I, 64P)

by M.W. McCurdy, C.O. Böhm, J.E. Campbell, S.J.A. Day and R.J. McNeil

Stratigraphic Maps

SM2010-1

Phanerozoic geology of southern Manitoba

by M.P.B. Nicolas, G.L.D. Matile, G.R. Keller and J.D. Bamburak

Data Repository Items

DRI2010001

Selected analyses of the Gammon Ferruginous Member of the Cretaceous Pierre Shale, southwestern Manitoba (parts of NTS 62F, G, J, K, N, O, 63C)

by J.D. Bamburak and M.P.B. Nicolas

DRI2010002

Geochemistry data of the Family–Fishing lakes area, Berens River Domain, Manitoba (parts of NTS 63O14, 64B3)

by M.T. Corkery, L.A. Murphy and H.V. Zwanzig,

DRI2010003

Palynomorphological study of bentonite horizons within the Pembina Member of the Pierre Shale, southwestern Manitoba (parts of NTS 62G1, 2)

by J. Hatcher and J.D. Bamburak

DRI2010004

U-Pb geochronological results from the Seal River region, northeastern Manitoba (parts of NTS 54L, M, 64I, P)

by N. Rayner

DRI2010005

Scanned image of original hand-drawn field map mosaic at 1:10 scale of regolith structure in dolerite below the Missi unconformity, Flin Flon area, Saskatchewan (part of NTS 63K12)

by M.G. Babechuk and B.S. Kamber

DRI2010006

Geochemistry, Sm-Nd isotopic and U-Pb age data for the eastern sub-Phanerozoic Flin Flon Belt, west-central Manitoba (parts of NTS 63J3–6, 11, 12, 14, 63K1–2, 7–10)

by R-L. Simard, C.R. McGregor, N. Rayner and R.A. Creaser

Web Releases

- Geological Survey Activity Tracker
- TGI-3 Flin Flon project
- Manitoba Precambrian Drillcore Libraries

Digital Re-releases

The MGS is in the process of digitizing reports and maps that were previously only available in print copy or were out-of-print. The following publications are now available in digital format for free download and/or for purchase on CD-ROM:

Economic Geology Reports

ER 79-3

Nickel-copper mineralization in the Lynn Lake gabbro, published 1980

ER80-1

The Cat Lake-Winnipeg River and the Wekusko Lake Pegmatite Fields, Manitoba, published 1981

Open File Reports

OF77-5

Exploration history, compilation and review, including exploration data from cancelled assessment files, for the Gods, Knee and Oxford Lake areas, Manitoba, published 1977

OF85-8

Chromite reserves of the Bird River Sill, published 1985

Geological Reports

GR83-1A

Geology of the Oxford Lake–Carrot River area, published 1985

GR83-1B

Geology of the Flin Flon-White Lake area, published 1989

GR83-1D

Geology of the Gods Lake, Munro Lake, Webber Lake Area, Manitoba, published 1992

EXTERNAL PUBLICATIONS

- Böhm, C.O. and Anderson, S.D. 2010: Before the Manikewan Ocean: bridging the Superior, Hearne and Sask cratons in Manitoba (abstract); GeoCanada 2010, May 10-14, 2010, Calgary, Alberta, URL <<http://www.geocanada2010.ca/program/program-schedule/tuesday/pm-2/geological-processes-over-time.html>> [November 2, 2010].
- Böhm, C.O., Kremer, P. and Syme, E.C. 2009: Characteristics of Mesoarchean seafloor in the northwest Superior Province, Manitoba, Canada (abstract); Precambrian World 2009, 1st International Geoscience Symposium, March 6-8, 2009, Fukuoka, Japan, Abstracts volume, p. 30.
- Couëslan, C.G. and Pattison, D.R.M. 2010: Hudsonian regional metamorphic isograds and bathozones in the Thompson Nickel Belt, Manitoba (abstract); GeoCanada 2010, May 10-14, 2010, Calgary, Alberta, URL <<http://www.geocanada2010.ca/program/program-schedule/tuesday/pm-2/geological-processes-over-time.html>> [November 2, 2010].
- Duguet, M., Lin, S., Davis, D.W., Corkery, M.T. and McDonald, J. 2009: Long-lived transpression in the Archean Bird River greenstone belt, western Superior Province, southeastern Manitoba; Precambrian Research, v. 174, no. 3-4, p. 381-407.
- Gilbert, H.P. 2010: Geology and geochemistry of arc and ocean-floor volcanic rocks in the Northern Flin Flon Belt, Manitoba (abstract); Institute on Lake Superior Geology, 56th Annual Meeting, May 19-22, 2010, International Falls, Minnesota, Proceedings volume 56, Part 1, Programs and abstracts, p. 23-24, URL <http://mgmudrey.brinkster.net/ILSG/ILSG_56_2010_pt1_International_Falls.pdf> [November 4, 2010].
- Gilbert, H.P. 2009: Bird River Belt in southeastern Manitoba – a Neoarchean volcanic arc in the western Superior Province (abstract); Institute on Lake Superior Geology, 55th Annual Meeting, May 5-10, 2009, Ely, Minnesota, Proceedings volume 55, Part 1, Program and abstracts, p. 31-32, URL <http://mgmudrey.brinkster.net/ILSG/ILSG_55_2009_pt1_Ely.pdf> [November 4, 2010].
- Kremer, P.D., Corkery, M.T. and Rayner, N. 2010: Geology, geochemistry, and geochronology of Southern Indian Lake, Manitoba: a unique glimpse into and under the Trans-Hudson Orogen (abstract); GeoCanada 2010, May 10-14, 2010, Calgary, Alberta, URL <<http://www.geocanada2010.ca/program/program-schedule/tuesday/pm-2/geological-processes-over-time.html>> [November 2, 2010].
- McClenaghan, M.B., Matile, G.L.D., Layton-Matthews, D. and Pyne, M. 2009: Till geochemical signatures of magmatic Ni-Cu deposits and regional till geochemistry, Thompson Nickel Belt, Manitoba; Geological Survey of Canada, Open File 6005, 1 CD-ROM (121 p.)
- Prouse, D.E. 2009: Manitoba 2009 exploration and development highlights; Manitoba Mining Review (2010), p. 6-7.
- Prouse, D.E. and Bamburak, J.D. 2009: Manitoba 2009 exploration and development highlights; Northern Prospector 2009-2010, p. 10-15.