

PUBLICATIONS

MANITOBA GEOLOGICAL SURVEY PUBLICATIONS
RELEASED DECEMBER 2010 TO NOVEMBER 2011

Data Repository Items

DRI2011001

Field-based ice-flow indicator data, Churchill area, northeastern Manitoba (part of NTS 54L16)

by M.S. Trommelen

DRI2011002

Field-based ice-flow indicator data, Synder–Grevstad lakes area, northwestern Manitoba (parts of NTS 64N5)

by M.S. Trommelen

DRI2011003

Rock Eval™ 6 results from Cretaceous shale outcrop samples from phase 2, Shallow Unconventional Shale Gas Project, southwestern Manitoba

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

DRI2011004

Semiquantitative X-ray diffraction results from Cretaceous shale outcrop and core samples from phase 2, Shallow Unconventional Shale Gas Project, southwestern Manitoba

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

DRI2011005

Inorganic chemistry results from Cretaceous shale outcrop and chip samples from phase 2, Shallow Unconventional Shale Gas Project, southwestern Manitoba

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

DRI2011006

Catalytic property evaluation of Manitoba Cretaceous bentonite from southwestern Manitoba (parts of NTS 62G1, 8, 10, K3, N1)

by M.F. Aldersley, J.D. Bamburak, P.C. Joshi, J. Thompson, J.W. Delano and J.P. Ferris

DRI2011007

Whole-rock geochemistry of volcanic, volcanoclastic and intrusive rocks in the Squall–Varnson lakes area, west-central Manitoba (part of NTS 63K16)

by S.Gagné

DRI2011008

Far North Geomapping Initiative: new U-Pb geochronological results from the Misty Lake area, northwestern Manitoba (part of NTS 64K12, 13)

by N. Rayner

Open Files

OF2011-2

GIS compilation of drillcore logs from Manitoba Geological Survey drilling programs, 1968–2007
by C.R. McGregor

Preliminary Maps

PMAP2011-1

Bedrock geology of the Snyder Lake area, northwestern Manitoba (part of NTS 64N5)

by P.D. Kremer and C.O. Böhm

Scale 1:35 000

PMAP2011-2

Updated geology of the Squall–Varnson lakes area, west-central Manitoba (part of NTS 63K16)

by S. Gagné, A.H. Bailes and D.C.P. Schledewitz

Scale 1:20 000

PMAP2011-3

Geology and structure of the Rice Lake mine trend, Rice Lake greenstone belt, southeastern Manitoba (part of NTS 52M4)

by S.D. Anderson

Scale 1:5000

PMAP2011-4

Surficial geology, Snyder Lake, northwestern Manitoba (parts of NTS 64N5)

by M.S. Trommelen

Scale 1:50 000

EXTERNAL PUBLICATIONS

- Böhm, C.O., Anderson, S.D., Syme, E.C. and Rayner, N. 2011: Nearly two billion years of Hearne craton history exposed in Manitoba's far north (abstract); Ottawa 2011, Joint Annual Meeting GAC-MAC-SEG-SGA, University of Ottawa, May 25-27, 2011, URL <http://gac.esd.mun.ca/gac_2011/search_abs/sub_program.asp?sess=98&form=10&abs_no=342> [October 28, 2011].
- Couëslan, C.G., Pattison, D.R.M. and Tinkham, D.K. 2011: Regional low-pressure amphibolite-facies metamorphism at the Pipe II Mine, Thompson Nickel Belt, Manitoba, and comparison of metamorphic isograds in metapelites and meta-iron formations; *Canadian Mineralogist*, v. 49, p. 721–747.
- Heaman, L.M., Böhm, C.O., Machado, N., Krogh, T.E., Weber, W. and Corkery, M.T. 2011: The Pikwitonei Granulite Domain, Manitoba: a giant Neoproterozoic high-grade terrane in the northwest Superior Province; *Canadian Journal of Earth Sciences*, 2011, 48:(2), p. 205-245.
- Lavoie, D., Pinet, N., Duchesne, M., Brake, V., Asselin, E., Hu, K., Dietrich, J., Zhang, S., Bertrand, R., Khon, B., Armstrong, D., Nicolas, M., Galloway, J. and Sweet, A. 2011: Hydrocarbon systems in the intracratonic Hudson Bay Basin: a new prospective frontier in the Canadian north; 2011 AAPG 3P Arctic Conference and Exhibition; Halifax, Nova Scotia, August 30 to September 2, 2011; oral presentation, URL <<http://www.searchanddiscovery.com/abstracts/html/2011/3Parctic/abstracts/lavoie.htm>> [October 27, 2011].
- Lavoie, D., Pinet, N., Duchesne, M., Zhang, S., Dietrich, J., Hu, K., Brake, V., Asselin, E., Roger, J., Khon, B., Armstrong, D., Nicolas, M. and Bertrand, R. 2011: Geological setting and petroleum potential of the Paleozoic Hudson Platform, northern Canada – current knowledge; 2011 CSPG CSEG CWLS Convention extended abstracts; Calgary, Alberta, May 9-13, 2011; oral presentation, URL <http://www.cspg.org/conventions/abstracts/2011abstracts/039-Petroleum_Potential_of_Paleozoic_Hudson_Platform.pdf> [October 27, 2011], 4 p.
- Reguir, E.P., Chakhmouradian, A.R., Pisiak, L., Halden, N.M., Yang, P., Xu, C., Kynicky, J. and Couëslan, C.G. in press: Trace-element composition and zoning in clinopyroxene- and amphibole-group minerals: implications for element partitioning and evolution of carbonatites; *Lithos*.
- Yang, X.M. 2011: Pardo Project 2010 work report II: Geological mapping and diamond drilling: Pardo, Clement, Macbeth, Vogt, McNish and Janes townships, Ontario; Mount Logan Resources Ltd., Ginguro Exploration Inc., Assessment Report, 66 p.
- Yang, X.M. and Lentz, D.R. 2010: Sulfur isotopic systematics of granitoids from southwestern New Brunswick, Canada; implications for magmatic-hydrothermal processes, redox conditions, and gold mineralization; *Mineralium Deposita*, v. 45, p. 795-816.
- Yang, X., Yang, X.M., Zhang, Z., Chi, Y., Yu, L. and Zhang, Q. 2011: A porphyritic copper (gold) ore-forming model for the Shaxi-Changpushan District, Lower Yangtze metallogenic belt, China; geological and geochemical constraints; *International Geology Review*, v. 53, p. 580-611.