

PUBLICATIONS

PRELIMINARY MAPS

- PMAP2002-1 Geology of the Lake Aimée–Naosap Lake–Alberts Lake area (parts of NTS 63K13SE and 14SW)
by H.P. Gilbert scale 1:20 000
(Supercedes Preliminary Map 1997F-1)
- PMAP2002-2 Geology of the western portion of Island Lake (NTS 53E15)
by J. Parksscale 1:50 000
- PMAP2002-3 Geology of southern Granville Lake (parts of NTS 64C1, 2 and 7)
by H. Zwanzig and H.D.M. Cameronscale 1:20 000
(Supercedes Preliminary Map 1981L-2 and 1981L-3)

Manitoba Geological Survey Reports and Maps

Geoscientific Papers

GP2002-1

Kimberlite indicator-mineral survey, lower Hayes River / Nielsen, E., Fedikow, M.A.F.

Open File Reports

OF2001-1

Operation Superior: multimedia geochemical survey results from the northern half of the Knee Lake greenstone belt, northern Superior Province, Manitoba (NTS 53L) / Fedikow, M.A.F. Nielsen, E. Conley, G.G. and Lenton, P.G.

OF2001-2

Enzyme leachsm geochemical profile over the Bil Group (Gods River) lithium pegmatite, Gods Lake area, east-central Manitoba (NTS 53L/16) / Fedikow, M.A.F.

OF2001-3

Kimberlite indicator minerals from west-central Manitoba (NTS 62N, 63C, 63K) / Bamburak, J.D. and Fedikow, M.A.F.

OF2001-5

Operation Superior: kimberlite indicator mineral survey results (2000) for the northern half of the Knee Lake greenstone belt, Manitoba (NTS 53M) / Fedikow, M.A.F., Nielsen, E., Conley, G.G. and Lenton, P.G. (digital web site release)

OF2001-8

Geoscience data compilation for southeastern Manitoba / Panagapko, D.A., Chackowsky, L., Lenton, P., Bailes, A.H., Corkery, M.T., Poulsen, K.H., Brommecker, R., Weber, W., Ames, D.E., Scoates, R.F.J., Garson, D.F., Theyer, P., Percival, J., Thorleifson, L.H., Matile, G.L.D., Grant, N.M., Burt, A.K. and Mann, J.D.

OF2001-9

Geology, alteration mineralogy, geochemistry and volcanogenic massive-sulphide potential of the Ruttan mine area and the southern Rusty Lake volcanic belt (NTS 64B) / Barrie, C.T. and Taylor, C.F.

OF2002-1

Operation Superior: compilation of kimberlite indicator mineral survey results (1996-2001) / Fedikow, M.A.F., Nielsen, E., Conley, G.G. and Lenton, P.G. (digital web site release only)

Report of Activities 2001

Annual review / Syme, E.C., p. 1-7.

Flin Flon – Snow Lake

Flin Flon targeted geoscience initiative / Galley, A.G. and Bailes, A.H., p. 9-17.

Geology of the Wabishkok Lake area (parts of NTS 63K/13NE and /14NW) / Gilbert, H.P., p. 18-27.

Josland Lake sills: U-Pb age and tectonostratigraphic implications (parts of NTS 63K and 63N) / Zwanzig, H.V., Bailes, A.H. and Böhm, Ch.O., p. 28-32.

Platinum-group element investigations in the Flin Flon greenstone belt: McBratney Lake occurrence and Josland Lake intrusion (parts of NTS 63K/9, /13) / Theyer, P., p. 33-39.

Mineral deposit studies in the Flin Flon–Snow Lake area / Gale, G.H., p. 40-44.

Activities of the Flin Flon regional office / Heine, T.H. and Prouse, D.E., p. 45-46.

Thompson Nickel Belt, Superior Boundary Zone, Fox River Belt

Thompson Nickel Belt Project: progress report / Macek, J.J., Zwanzig, H.V. and McGregor, C.R., p. 47-50.

Superior Boundary Zone–Reindeer Zone transition in the Pearson Lake–Odei River–Mystery Lake region (parts of NTS 63P and 64O) / Zwanzig, H.V., Böhm, Ch.O. and Etcheverry, J., p. 51-56.

Hydration of Pikwitonei Domain granulite along the east margin of the Thompson Nickel Belt (part of NTS 63J/16) / Lettley, C.D., p. 57-58.

Pegmatite remagnetization at about 1.7 Ga in the southern Thompson Nickel Belt, from paleomagnetism / Harris, M.J., Symons, D.T.A., Peck, D.C., Blackburn, W.H. and Turek, A., p. 59-66.

Lynn Lake

Structural analysis and investigations of shear-hosted gold mineralization in the southern Lynn Lake greenstone belt (parts of NTS 64C/11, /12, /15, /16) / Beaumont-Smith, C.J., Anderson, S.D. and Böhm, Ch.O., p. 67-75.

Structural analysis of the Pool Lake–Boiley Lake area, Lynn Lake greenstone belt (NTS 64C/11) / Anderson, S.D. and Beaumont-Smith, C.J., p. 76-85.

Stratigraphic and structural mapping of the Agassiz Metaltect near Lynn Lake, Lynn Lake greenstone belt (parts of NTS 64C/14, /15) / Ma, G. and Beaumont-Smith, C.J., p. 86-93.

Preliminary results from the Churchill River–Southern Indian Lake Targeted Geoscience Initiative / Corrigan, D., Therriault, A. and Rayner, N.M., p. 94-107.

Northern Superior

Multimedia geochemical and mineralogical surveys, Northern Knee Lake–Fish Lake greenstone belt, northern Superior Province (NTS 53M/1, 53M/8, 53N/3, 53N/4 and 53N/5) / Fedikow, M.A.F. and Nielsen, E., p. 108-110.

Deformation history of the Central Cross Lake Shear Zone, northwestern Superior Province (part of NTS 63I/12) / Dai, T., Jiang, D. and Corkery, M.T., p. 111-114.

Geology and geochronology of the Island Lake greenstone belt, northwestern Superior Province / Parks, J., Lin, S., Corkery, M.T. and Davis, D.W., p. 115-120.

Quaternary stratigraphy, till provenance and kimberlite indicator-mineral surveys along the Lower Hayes River / Nielsen, E., p. 121-125.

Southeastern Manitoba

Stratigraphy, geology and mineralization of selected parts of the Page Property, Bird River Sill (part of NTS 52L/5) / Theyer, P., Bruni, E. and Sundell, C., p. 126-132.

Investigation of Precambrian monadnocks (NTS 62I/1 and 62I/8) / Bezys, R.K., Matile, G.L.D. and Keller, G.R., p. 133-137.

Phytoremediation of mine tailings and bio-ore production: results from a study on plant survival at the Central Manitoba (Au) minesite (NTS 52L/13) / Renault, S., Sailerova, E. and Fedikow, M.A.F., p. 138-149.

Southern Manitoba

Manitoba Stratigraphic Database and the Capital Region Study, 2001 / Conley, G.G., p. 150-151.

Construction of a three-dimensional geological model for the southern Manitoba Phanerozoic terrane / Matile, G.L.D., Thorleifson, L.H., Bamburak, J.D., Bezys, R.K., Nicolas, M.P.B., Conley, G.G., Keller, G.R. and Pyne, M., p. 152-155.

Solution-collapse breccia of the Upper Devonian Sagemace Member, Souris River Formation, Winnipegosis area: Progress Report / Friedrich, L. and Chow, N., p.156-158.

Stratigraphic investigations and corehole drilling program, 2001 / Bezys, R.K. and Bamburak, J.D., p. 159-163.

Gravity and magnetic profile along The Pas Moraine / Surasky, A.T., Hosain, I.T. and Letkemen, A.J., p. 164-171.

Aggregate inventories: Churchill area, Rural Municipality of Grandview and selected Areas of Special Interest / Groom, H.D., p. 172-178.

Manitoba General

Updating Manitoba's Precambrian drill core libraries inventory / Prouse, D.E., p. 179-181.

Geoscience Information Services projects / Lenton, P.G., Chackowsky, L., Pacey, M. and Lindal, D., p. 182-188.

Bedrock Geology Compilation Maps

NTS64O

Munroe Lake, scale 1:250 000

Geoscientific Maps

MAP2002-1

Geology of the Baker Patton Complex, Flin Flon, Manitoba (parts of NTS areas 63K12, 13) / Gale, G.H. and Dabek, L.B., scale 1:10 000

Preliminary Maps

MAP2001F-1

Geology of the Millrock Hill area, Flin Flon (parts of NTS 63K/13SW, /12NW) / Gibson, H.L., Bailes, A.H., Tourigny, G. and Syme, E.C., scale 1:500

MAP2001F-2

Geology of the South Main shaft area, Flin Flon (part of NTS 63K/13SW) / Bailes, A.H., Bray, D. and Syme, E.C., scale 1:500

MAP2001F-3

Geology of the Wabishkok Lake area (parts of NTS 63K/13NE, /14NW) / Gilbert, H.P., scale 1:20 000

MAP2001S-1

Geology of the Fox River sill in the Great Falls area, Fox River belt, northeastern Manitoba (part of NTS 53M/16) / Desharnais, G., Peck, D.C., Potter, L., Huminicki, M., Scoates, R.F.J., Theyer, P., Wegleitner, C., Kohut, G., Smerchanski, P., Benson, D., Petch, C. and DeSchutter, G., scale 1:2500

MAP2001S-2

Geology of the Pipestone Lake area (parts of NTS 63I/5, /12) / Parmenter, A.C., Lin, S. and Corkery, M.T., scale 1:20 000

Manitoba Mining & Minerals Convention Speaker Abstracts

Winnipeg, Manitoba, November 15-17, 2001

Babulic, P. 2001: Birchtree Mine Deepening Project, Manitoba Industry, Trade and Mines; Manitoba Mining & Minerals Convention 2001: program, p. 40.

Bamburak, J. 2001: Moving Manitoba — a slow bumpy crustal ride through geological time; Manitoba Industry; Trade and Mines, Manitoba Mining & Minerals Convention 2001: program, p. 43.

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Bloodworth, B. 2001: Northern partnerships — the path to the future; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2001: program, p. 44.

Corrigan, D. 2001: Lynn Lake TGI: the Southern Indian transect; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2001: program, p. 43.

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- Fedikow, M.A.F. and Nielsen, E. 2001: Multimedia geochemical survey results from the northern half of the Knee Lake greenstone belt, 2000 (Operation Superior); Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2001: program, p. 43.
- Fowler, J.A. 2001: Working with communities; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2001: program, p. 46.
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External Publications

Bamburak, J. D. and Bezys, R.K. 2002: Industrial minerals and Paleozoic geology of southeastern Manitoba; *in* Proceedings Volume 48, Part 2 - field trip guidebook, Institute on Lake Superior Geology, 48th Annual Meeting, Kenora, Ont. May-12-16, 2002, p. 69-94.

Beaumont-Smith, C.J., Böhm, Ch. O, Jones, L.R. and Lafrance, B. 2002: Tectonic assembly of the Lynn Lake greenstone belt and the structural setting of shear-hosted gold mineralization, northern Trans-Hudson Orogen, Manitoba; Geological Association of Canada, Mineralogical Association of Canada, 2002 Joint Annual Meeting, Program with Abstracts, v. 27, p. A7.

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