

- Anand, A., Jefferson, C.W., Pehrsson, S.J., McEwan, B.J., and Bethune, K. 2012. History of reactivated fault systems in the northwest Thelon basin region: regional to local controls on basin development and hydrothermal fluid flow for uranium (abstract); Geological Association of Canada-Mineralogical Association of Canada, Abstracts, v. 35, p. 4.
- Anand, A., Jefferson, C.W., Pehrsson, S.J., Hunt, P., White, J.C., Calhoun, L., McEwan, B.J., and Bethune, K. 2012. Effects of thrusting during early thin-skinned tectonics recorded by intercalated 2.6 Ga felsic extrusive rocks and early paleoproterozoic quartzarenite in the Thelon area abstract); Geological Association of Canada-Mineralogical Association of Canada, Abstracts, v. 35, p. 4
- Anand, A. and Jefferson, C.W., 2017. Reactivated fault systems and their effects on outcrop patterns of thin-skinned early thrust imbrications in the Kiggavik uranium camp, Nunavut. Geological Survey of Canada, Open File 7895, 1 .zip file. <https://doi.org/10.4095/302776>
- Ashton, K.E., 1988. Precambrian geology of the southeastern Amer Lake area (66H/1), near Baker Lake, N.W.T.; PhD thesis, Queen's University, Kingston, Ontario, 335 p.
- Bethune, K.M., Berman, R.G., Rayner, N., and Ashton, K.E., 2013. Structural, petrological and U-Pb SHRIMP geochronological study of the western Beaverlodge domain: Implications for crustal architecture, multi-stage orogenesis and the extent of the Taltson orogen in the SW Rae craton, Canadian Shield; *Precambrian Research* v. 232, p. 89–118.  
<http://dx.doi.org/10.1016/j.precamres.2013.01.001>
- Bolton, T.E. and Nowlan, G.S., 1979. A Late Ordovician Fossil Assemblage from an Outlier north of Aberdeen Lake, District of Keewatin; *in* Contributions to Canadian Paleontology; (ed.) P.J. Griffin; Geological Survey of Canada, Bulletin 321, p. 1-26.
- Bridge N.J., Banerjee, N. R., Pehrsson, S., Fayek, M., Finnigan, C.S., Ward, J., and Berry, A., 2013. The Lac Cinquante uranium deposit, western Churchill Province, Nunavut Canada; *Exploration and Mining Geology*, v. 21, p. 27-50; doi 0964-1823/00
- Buchan, K.L. and Ernst, R.E., 2013. Diabase dyke swarms of Nunavut, Northwest Territories, and Yukon, Canada; Geological Survey of Canada, Open File 7464. doi:10.4095/293149
- Calhoun, L., White, J.C., Jefferson, C.W., Patterson, J., and Tschirhart, V., 2014. Integrated geodatabase study of the complexly deformed U-hosting Paleoproterozoic Amer Group, Nunavut, Geological Survey of Canada, Scientific Presentation 19, 26 p. doi:10.4095/293108 (Free download of annotated and peer reviewed Power Point Presentation after Calhoun et al., 2012).
- Davis, W.J. and Zaleski, E., 1998. Geochronological investigations of the Woodburn Lake group, western Churchill Province, Northwest Territories: preliminary results; *in* Radiogenic age and isotopic studies, report 11; Geological Survey of Canada, Current Research 1998-F, p. 89-97.
- Davis, W.J., Gall, Q., Jefferson, C.W., and Rainbird, R.H., 2011. Fluorapatite in the Paleoproterozoic Thelon Basin: Structural-stratigraphic context, *in situ* ion microprobe U-Pb ages, and fluid-flow history; *Bulletin of the Geological Society of America*, v. 123, p. 1056-1073; doi: 10.1130/B30163.1
- Fuchs, H., Hilger, W., and Prosser, E., 1986. Geology and exploration history of the Lone Gull property; *in* Uranium Deposits of Canada, Canadian Institute of Mining and Metallurgy, Special Volume 33, p. 286–292.

Fuchs, H. D. and Hilger, W., 1989. Kiggavik (Lone Gull): an unconformity related uranium deposit in the Thelon Basin, Northwestern Territories, Canada; *in* (ed.) E. Muller-Kahle, Uranium Resources and Geology of North America: Vienna, International Atomic Energy Agency, IAEA-TECDOC-500, p. 429-454.

Gall, Q., 1992. The early Proterozoic Thelon paleosol as part of the Matonabbee unconformity, northwestern Canadian Shield, *in* (ed.) J.M. Schmitt and Q. Gall; Mineralogical and Geochemical Records of Paleoweathering: International Geoscience Programme 317, Mémoires des sciences de la Terre, Ecole des mines de Paris, v. 18, p. 163–174.

Gall, Q., 1994. The Proterozoic Thelon paleosol, Northwest Territories, Canada: Precambrian Research, v. 68, p. 115-137. doi: 10.1016/0301-9268(94)90068-X

Hadlari, T., Rainbird, R. H., and Pehrsson, S. J., 2004. Geology, Schultz Lake, Nunavut; Geological Survey of Canada, Open File 1839, 1 sheet; 1 CD-ROM, doi:10.4095/215673

Hiatt, E. E., Kyser, K., and Dalrymple, R. W., 2003. Relationships among sedimentology, stratigraphy, and diagenesis in the Proterozoic Thelon Basin, Nunavut, Canada: Implications for paleoaquifers and sedimentary-hosted mineral deposits; Journal of Geochemical Exploration, v. 80, p. 221-240.

Hunter, R., Lafrance, B., Lesperance, J., and Zaluski, G. 2012. The Qavvik-Tatiggaq Trend: an evolving unconformity-related uranium corridor of the northeast Thelon Basin, Nunavut (abstract); Geological Association of Canada-Mineralogical Association of Canada, Abstracts, v. 35, p. 60.

Janvier, V., Castonguay, S., Mercier-Langevin, P., Dubé, B., Malo, M., McNicoll, V.J., Creaser, R.A., de Chavigny, B., and Pehrsson, S.J., 2015. Geology of the banded iron formation-hosted Meadowbank gold deposit, Churchill Province, Nunavut, In: Targeted Geoscience Initiative 4: Contributions to the Understanding of Precambrian Lode Gold Deposits and Implications for Exploration, (ed.) B. Dubé and P. Mercier-Langevin; Geological Survey of Canada, Open File 7852, p. 255–269.

Jefferson, C.W., Thomas, D.J., Gandhi, S.S., Ramaekers, P., Delaney, G., Brisbin, D., Cutts, C., Portella, P., and Olson, R.A., 2007a. Unconformity-associated uranium deposits of the Athabasca Basin, Saskatchewan and Alberta; *in* (ed.) C.W. Jefferson and G. Delaney; EXTECH IV: Geology and Uranium EXploration TECHnology of the Proterozoic Athabasca Basin, Saskatchewan and Alberta; Geological Survey of Canada, Bulletin 588, p. 23-68. 1 CD-ROM. doi:10.4095/223742

Jefferson, C.W., Thomas, D.J., Gandhi, S.S., Ramaekers, P., Delaney, G., Brisbin, D., Cutts, C., Quirt, D., Portella, P., and Olson, R.A., 2007b. Unconformity-associated uranium deposits of the Athabasca Basin, Saskatchewan and Alberta; *in* (ed.) W.D. Goodfellow; Mineral Deposits of Canada: A Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration methods; Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5, p. 273-305.

Jefferson, C. W., Thomas, D., Quirt, D., Mwenifumbo, C. J., and Brisbin, D., 2007c. Empirical models for Canadian unconformity associated uranium deposits; *in* (ed.) Milkereit, B., Proceedings of Exploration 07: Fifth Decennial International Conference on Mineral Exploration, p.741-769.

Jefferson, C.W., Chorlton, L.B., Pehrsson, S.J., Peterson, T., Wollenberg, P., Scott, J., Tschirhart, V., McEwan, B., Bethune, K., Calhoun, L., White, J.C., Leblon, B., LaRocque, A., Shelat, Y., Lentz, D., Patterson, J., Riegler, T., Skulski, T., Robinson, S., Paulen, R., McClenaghan, B., Layton-Matthews, D.,

MacIsaac, D., Riemer, W., Stieber, C., and Tschirhart, P., 2011a. Northeast Thelon Region: Geomapping for Uranium in Nunavut; Geological Survey of Canada, Open File 6962, Power Point Presentation, 38 slides. doi:10.4095/289037

Jefferson, C.W., Hunter, R., McLaren, M., Peterson, T., Skulski, T., Rainbird, R., Young, G.M., Gandhi, S.S., and Costello, K., 2011b. Northeastern Thelon Basin uranium region: geological compilation for geophysical consortium planning; Geological Survey of Canada, Open File 6950, 1 sheet; doi: 10.4095/288801

Jefferson, C.W., Pehrsson, S., Peterson, T., Chorlton, L., Davis, W., Keating, P., Gandhi, S., Fortin, R., Buckle, J., Miles, W., Rainbird, R., LeCheminant, A., Tschirhart, V., Tschirhart, P., Morris, W., Scott, J., Cousens, B., McEwan, B., Bethune, K., Riemer, W., Calhoun, L., White, J., MacIsaac, D., Leblon, B., Lentz, D., LaRocque, A., Shelat, Y., Patterson, J., Enright, A., Stieber, C., and Riegler, T., 2011c. Northeast Thelon region geoscience framework - new maps and data for uranium in Nunavut; Geological Survey of Canada, Open File 6949, 1 sheet; doi: 10.4095/288791

Jefferson, C.W., Anand, A., Pehrsson, S.J., Peterson, T., Davis, W., Bridge, N., Scott, J.M.J., Wollenberg, P., Riegler, T., Tschirhart, V., Morris, W., Chorlton, L.B., and Patterson, J., 2014. Lithotectonic advances in the northeast Thelon Basin region – context for uranium exploration. Power Point presentation: unavut Mining Symposium, Iqaluit, April 10, 2014, <http://www.nunavutminingsymposium.ca/presentations/>.

Jefferson, C.W., White, J.C., Young, G.M., Patterson, J., Tschirhart, V.L., Pehrsson, S.J., Calhoun, L., Rainbird, R.H., Peterson, T.D., Davis, W.J., Tella, S., Chorlton, L.B., Scott, J.M.J., Percival, J.A., Morris, W.A., Keating, P., Anand, A., Shelat, Y., and MacIsaac, D., 2015. Outcrop and remote predictive geology of the Amer Belt and basement beside and beneath the northeast Thelon Basin, in parts of NTS 66-A, B, C, F, G and H, Kivalliq Region, Nunavut; Geological Survey of Canada, Open File 7242, 1 sheet. doi:10.4095/296825

Jefferson, C.W., Chorlton, L.B., Peterson T.B., McEwan, B.J., Calhoun, L., Scott, J.M.J., Robinson, S.V.J., Rainbird, R.H., and MacIsaac, D., *in prep.* (a). Geological field observations of the northeast Thelon region, Rae Craton, Nunavut: Geological Survey of Canada, Open File 7742, 1 .zip file. doi: 10.4095/xxxxxx

Jefferson, C.W., Pehrsson, S.J., Peterson, T.D., Tschirhart, V.L., Anand, A., Wollenberg, P., LeCheminant, A.N., Riegler, T., Davis, W.J., McEwan, B.J., Bethune, K.M., Chorlton, L.B., Tschirhart, P.A., Scott, J.M.J., McNicoll, V.J., Robinson, S.V.J., Riemer, W.C., Patterson, J.D., Morris, W.A., Keating, P., and Stieber, C.M., *in prep* (b). Outcrop and remote predictive geology of the western Marjorie– Tehek supracrustal belt and Northeast Thelon Basin margin in parts of NTS 66A and 66B, Nunavut – context of the Kiggavik uranium camp; Geological Survey of Canada, Open File 7241, 1 zip file.

Johnstone, D., Bethune, K., Quirt, D., and Benedicto, A., 2015. Summary and compilation of work for Dillon Johnstone's M.Sc. thesis, May 2015 to November 2015: Structural controls of uranium mineralization in the Kiggavik East Zone, Central Zone, and Main Zone deposits and their potential extensions to the northeast. AREVA Resources Canada Inc., internal report,15-CND-92-04, 18 p. plus appendices.

LeCheminant, A.N. and Heaman, L.M., 1989. Mackenzie igneous events, Canada: Middle Proterozoic hotspot magmatism associated with ocean opening; Earth and Planetary Science Letters, v. 96, p. 38-48.

- LeCheminant, A.N. and Roddick, J.C., 1991. U-Pb zircon evidence for widespread 2.6 Ga felsic magmatism in the central District of Keewatin, N.W.T.; *in* Radiogenic age and isotopic studies; report 4, Geological Survey of Canada, Paper 90-2, p. 91-99.
- LeCheminant, A.N., Ashton, K.E., Chiarenzelli, J., Donaldson, J.A., Best, M.A., Tella, S., and Thompson, D.L., 1983. Geology of Aberdeen Lake map area, District of Keewatin: preliminary report; *in* Current research, Part A, Geological Survey of Canada, Paper 83-1A, p. 437-448.
- LeCheminant, A.N., Jackson, M.J., Galley, A.G., Smith, S.L., and Donaldson, J.A., 1984. Early Proterozoic Amer Group, Beverly Lake map area, District of Keewatin; *in* Current research, Part B, Geological Survey of Canada, Paper 84-1B, p. 159-172.
- LeCheminant, A.N., Roddick, J.C., Tessier, A.C., and Bethune, K.M., 1987. Geology and U- Pb Ages of Early Proterozoic Calc - Alkaline Plutons Northwest of Wager Bay, District of Keewatin, *in* Current research Part A; Geological Survey of Canada, Paper 87-1A, p. 773-782.
- McEwan, B.J., 2012. Structural style and regional comparison of the Paleoproterozoic Ketyet River group in the region north-northwest of Baker Lake, Nunavut; M.Sc. thesis, University of Regina, Saskatchewan, 121 p. + appendices.
- Miller, A.R. and LeCheminant, A.N., 1985. Geology and uranium metallogeny of Proterozoic supracrustal successions, central District of Keewatin, N.W.T. with comparisons to northern Saskatchewan; *in* Geology of Uranium Deposits, (ed.) T.I.I. Sibbald and W. Petruk; Canadian Institute of Mining and Metallurgy, Special Volume 32, p. 167-185.
- Miller, A.R. and Peterson, T.D., 2015. Geology and petrology of the Schultz Lake Intrusive Complex and its relationship to unconformity uranium deposits: Schultz Lake, NTS 66-A/5 and Aberdeen Lake, 66-B/8, Western Churchill Province; Geological Survey of Canada, Open File 7858, 160 p. 1 .zip file. doi:10.4095/296600
- Miller, A.R., 1995. Polymetallic unconformity-related uranium veins in lower Proterozoic Amer Group, Pelly Lake map area, northern Thelon Basin, Churchill Province, Northwest Territories; *in* Current Research 1995-C; Geological Survey of Canada, p. 151– 161.
- Patterson, J.G., 1986. The Amer Belt: remnant of an Aphebian foreland fold and thrust belt; Canadian Journal of Earth Sciences, v. 23, p. 2012-2023.
- Pehrsson, S.J., Wilkinson, L., and Zaleski, E., 2004. Geology, Meadowbank gold deposit area, Nunavut; Geological Survey of Canada, Open File 4269, scale 1:20,000. 1 CD\_ROM, doi:10.4095/215550
- Pehrsson, S.J., Berman, R., and Davis, W.J., 2013a. Paleoproterozoic orogenesis during Nuna aggregation: a case study of reworking of the Archean Rae craton, Woodburn Lake, Nunavut; Precambrian Research, v. 232, p. 167-188. <http://dx.doi.org/10.1016/j.precamres.2013.02.010>
- Pehrsson, S., Ramaekers, P., Fayek, M., Eglington, B.E., Rainbird, R., and St-Onge, M., 2013b. Extent and metallogenic significance of the Racklan-Forward orogen in Canada; Geological Association of Canada-Mineralogical Association of Canada, Abstracts, v. 36, p.160
- Pehrsson, S.J., Currie, M., Ashton, K.E., Harper, C.T., Paul, D., Pana, D., Berman, R.G., Bostock, H., Corkery, T., Jefferson, C.W., and Tella, S., 2014a. Bedrock geology compilation and regional synthesis of south Rae and parts of Hearne domains, Churchill Province, Northwest Territories, Saskatchewan,

Nunavut, Manitoba and Alberta; Geological Survey of Canada, Open File 5744. 2 sheets.  
doi:10.4095/292232

Pehrsson, S.J., Percival, J.A., Davis, W.J., McCurdy, M.W., Berman, R.G., Hillary, E.M., Kiss, F., MacKinnon, A., and Jefferson, C.W., 2014b. Operation GEM South Rae: Reconnaissance geology of the most poorly known part of the Churchill Province, Northwest Territories and Nunavut; Geological Survey of Canada, Open File 7410; 25 p. doi:10.4095/293762

Peterson, T.D. and LeCheminant, A.N., 1996. Ultrapotassic rocks of the Dubawnt Supergroup, District of Keewatin, N.W.T.; in Searching for diamonds in Canada; A.N. LeCheminant, D.G. Richardson, R.N.W. Dilabio, K.A. Richardson (ed.); Geological Survey of Canada, Open File 3228, p. 97-100.

Peterson, T.D., van Breemen, O., Sandeman, H., and Cousens, B., 2002. Proterozoic (1.85–1.75 Ga) igneous suites of the Western Churchill Province: granitoid and ultrapotassic magmatism in a reworked Archean hinterland; Precambrian Research, v. 119, p. 73-100.

Peterson, T., Pehrsson, S., Jefferson, C., Scott, J., and Rainbird, R., 2010. The Dubawnt Supergroup, Canada. a LIP with a LISP; December 2010 LIP of the month:  
<http://www.largeigneousprovinces.org/LOM.html>, 32 p.

Peterson, T.D., Scott, J.M.J., and Jefferson, C.W., 2011. Uranium-rich bostonite-carbonatite dykes in Nunavut: recent observations; Geological Survey of Canada, Current Research 2011-11, 12 p. doi: 10.4095/288751.

Peterson, T.D., Scott, J.M.J., LeCheminant, A.N., Chorlton, L.B., and D'Aoust, B.M.A., 2014. Geology, Tebesjuak Lake, Nunavut; Geological Survey of Canada, Canadian Geoscience Map 158 (preliminary), scale 1:250 000.

Peterson, T.D., Scott, J.M.J., LeCheminant, A.N., Jefferson, C.W., and Pehrsson, S.J., 2015a. The Kivalliq Igneous Suite: Anorogenic bimodal magmatism at 1.75 Ga in the western Churchill Province, Canada; Precambrian Research v. 262, p. 101-119, <http://dx.doi.org/10.1016/j.precamres.2015.02.019>.

Peterson, T.D., Scott, J.M.J., LeCheminant, A.N., Tschirhart, V., Chorlton, L.B., Davis, W.J., and Hamilton, M. 2015b. Nueltin granites and mafic rocks in the Tebesjuak Lake map area, Nunavut: new geochronological, petrological, and geophysical data; Geological Survey of Canada, Current Research 2015-5, 23 p. doi:10.4095/296163

Peterson, T.D., Jefferson, C.W., and Anand, A., 2015c. Geological setting and geochemistry of the ca. 2.6 Ga Snow Island Suite in the central Rae Domain of the Western Churchill Province, Nunavut; Geological Survey of Canada, Open File 7841, 29 p. doi:10.4095/296599

Rainbird, R.H., Hadlari, T., Aspler, L.B., Donaldson, J.A., LeCheminant, A.N., and Peterson, T.D., 2003. Sequence stratigraphy and evolution of the Paleoproterozoic intracontinental Baker Lake and Thelon basins, western Churchill Province, Nunavut, Canada; Precambrian Research v. 125, p. 21–53.

Rainbird, R.H., Davis, W.J., Stern, R.A., Peterson, T.D., Smith, S.R., Parrish, R.R., and Hadlari, T., 2006. Ar-Ar and U-Pb Geochronology of a Late Paleoproterozoic rift basin: support for a genetic link with Hudsonian orogenesis, Western Churchill province, Nunavut, Canada; Journal of Geology, v. 114, p. 1-17.

Rainbird, R.H., Davis, W.J., Pehrsson, S.J., Wodicka, N., Rayner, N., and Skulski, T., 2010. Early

- Paleoproterozoic supracrustal assemblages of the Rae domain, Nunavut, Canada: Intracratonic basin development during supercontinent break-up and assembly; *Precambrian Research*, v 181, p. 167-186.
- Riedel, W., 1929. Zur Mechanik Geologischer Brucherscheinungen. *Zentral-blatt fur Mineralogie, Geologie und Paleontologie* B, p. 354–368.
- Riegler, T., 2013. Système d’altération et minéralisation en uranium le long du faisceau structural Kiggavik - Andrew Lake (Nunavut, Canada) : modèle génétique et guides d’exploration. Ph.D. Thesis, Université Poitiers, Poitiers, France. 244 p.
- Riegler, T., Lescuyer, J-L., Wollenberg, P., Quirt, D., and Beaufort, D., 2014. Alteration related to uranium deposits in the Kiggavik-Andrew Lake structural trend, Nunavut Canada: New insights from petrography and clay mineralogy; *The Canadian Mineralogist*, v. 52, p. 27–45.
- Robinson, S.V.J., Paulen, R.C., Jefferson, C.W., McClenaghan, M.B., Layton-Matthews, D., Quirt, D., and Wollenberg, P., 2014. Till geochemical signatures of the Kiggavik uranium deposit, Nunavut; Geological Survey of Canada, Open File 7500, 156 p. doi:10.4095/293857
- Robinson, S.V.J., Jefferson, C.W., Paulen, R.C., Layton-Matthews, D., Joy, B., and Quirt, D., 2016. Till and bedrock heavy mineral signatures of the Kiggavik uranium deposits, Nunavut; Geological Survey of Canada, Open File 7771, 70 p. doi:10.4095/297563
- Schau, M., Tremblay, F., and Christopher, A., 1982. Geology of Baker Lake map area, District of Keewatin: a progress report; *in Current research, Part A; Geological Survey of Canada, Paper 82-1A*, p. 143-150.
- Scott, J.M.J., 2012. Paleoproterozoic (1.75 Ga) Granitoid rocks and uranium mineralization in the Baker Lake -Thelon Basin region, Nunavut; M.Sc. Thesis, Carleton University, Ottawa, Ontario. 136 p.
- Scott, J.M.J., Peterson, T.D., Davis, W.J., Jefferson, C.W., and Cousens, B.L., 2015. Petrology and geochronology of Paleoproterozoic intrusive rocks, Kiggavik uranium camp, Nunavut; *Canadian Journal of Earth Sciences*, v. 52, p. 495-518, doi: 10.1139/cjes-2014-0153
- Sharpe, R., 2013. The geochemistry and geochronology of the Bong uranium deposit, Thelon Basin, Nunavut, Canada; M.Sc. Thesis, University of Manitoba, Manitoba, 203 p.
- Sharpe, R., Fayek, M., Quirt, D., and Jefferson, C.W., 2015. Geochronology and Genesis of the Bong Uranium Deposit, Thelon Basin, Nunavut, Canada; *Economic Geology*, v. 110, p. 1759–1777.
- Shelat, Y., Leblon, B., La Rocque, A., Harris J., Jefferson, C., Lentz, D., and Tschirhart, V., 2011a. Effects of incidence angles on mapping accuracy of surficial geology in Umiujalik Lake area, Nunavut using multi-beam RADARSAT-2 polarimetric images. Part 1. Nonpolarimetric analysis. *Canadian Journal of Remote Sensing*; v. 38, p.383-403; doi: 10.5589/m12-030
- Shelat, Y., Leblon, B., La Rocque, A., Harris J., Jefferson, C., Lentz, D., and Tschirhart, V., 2011b. Effects of incidence angles on mapping accuracy of surficial geology in Umiujalik Lake area, Nunavut using multi-beam RADARSAT-2 polarimetric images. Part 2. Polarimetric analysis. *Canadian Journal of Remote Sensing*; v. 38, p. 404-423; doi: 10.5589/m12-031.
- Stanton, R.A. 1979. Genesis of uranium-copper occurrence 74-1E. Baker Lake, Northwest Territories. M.Sc. Thesis, University of Western Ontario, London, Ontario, 167 p.

- Tchalenko, J.S., 1970. Similarities between shear-zones of different magnitudes; Geological Society of America Bulletin, v. 81, p. 1625–1640.
- Tella S., 1994, Geology, Amer Lake (66 H), Deep Rose Lake (66 G), and parts of Pelly Lake (66 F); Geological Survey of Canada Open File 2969, 1 sheet, scale 1:250 000.
- Tella, S. and Heywood, W.W., 1978: The structural history of the Amer Mylonite zone, Churchill Structural Province, District of Keewatin; *in* Current research, Part C; (ed.) R.G., Blackadar, P.J., Griffin, H. Dumych, and E.R.W., Neale; Geological Survey of Canada, 78-1C, p. 79-88.
- Thomas, M.D., 2012. Shallow Crustal Structure in Meadowbank River - Tehek Lake area: Insights from Gravity and Magnetic Modelling; Geological Survey of Canada, Open File 7308, 42 p. doi: 10.4095/292157
- Tschirhart, V., Morris, W.A., and Oneschuk, D., 2011a. Geophysical series, geophysical compilation project, Thelon Basin, Nunavut, NTS 66A, B, and parts of 65N, O, P, 66C, F, G and H. Geological Survey of Canada, Open File 6944, 1 sheet. doi:10.4095/288806;
- Tschirhart, V., Morris, W.A., Ugalde, H., and Jefferson, C.W., 2011b. Preliminary 3D geophysical modelling of the Aberdeen sub-basin, northeast Thelon Basin region, Nunavut; Geological Survey of Canada, Current Research 2011-4, 12 p. doi: 10.4095/287165
- Tschirhart, P.A., Morris, W.A., and Jefferson, C.W., 2013a. Geophysical modeling of the Neoarchean Woodburn Lake and Paleoproterozoic Ketyet River groups, and plutonic rocks in central Schultz Lake map area, Nunavut; Geological Survey of Canada, Current Research 2013-2; 19 p. doi:10.4095/292116
- Tschirhart, V., Morris, W.A., and Jefferson, C.W., 2013b. Framework geophysical modelling of granitoid vs. supracrustal basement to the northeast Thelon Basin around the Kiggavik uranium camp, Nunavut; Canadian Journal of Earth Sciences, v. 50, p. 667-677, dx.doi.org/10.1139/cjes-2012-0149.
- Tschirhart, V., Morris, W.A., and Jefferson, C.W., 2013c. Faults affecting northeast Thelon Basin: improved basement constraints from source edge processing of aeromagnetic data; *in* (ed.) E. Potter, D. Quirt, and C.W. Jefferson; Uranium in Canada: Geological Environments and Exploration Developments; Special Issue of Exploration and Mining Geology, v. 21, p. 105-113.
- Tschirhart, V., Morris, W.A., Jefferson, C.W., Keating, P., White, J.C., and Calhoun, L., 2013d. 3D geophysical inversions of the north-east Amer Belt and their relationship to the geologic structure. Geophysical Prospecting; doi: 10.1111/j.1365-2478.2012.01098.x
- Tschirhart, V., Morris, W.A., and Jefferson, C.W., 2014. Unconformity surface architecture of the northeast Thelon Basin, Nunavut, derived from integration of magnetic source depth estimates. Interpretation (Society of Exploration Geophysicists and American Association of Petroleum Geologists), v. 2, SJ263-SJ278, <http://dx.doi.org/10.1190/INT-2014-0001.1>.
- Tschirhart, V., Jefferson, C.W., and Morris, W.A., 2016. Basement geology beneath the northeast Thelon Basin, Nunavut: Insights from integrating new gravity, magnetic and geological data. Geophysical Prospecting; 20 p., Doi: 10.1111/1365-2478.12430
- van Breemen, O., Peterson, T.D., and Sandeman, H.A., 2005. U-Pb zircon geochronology and Nd isotope geochemistry of Proterozoic granitoids in the western Churchill Province: intrusive age

pattern and Archean source domains; Canadian Journal of Earth Science, v. 42, p. 339–377; doi: 10.1139/E05-007.

Zaleski, E., 2005. Geology, Meadowbank River area, Nunavut; Geological Survey of Canada, Map 2068A, scale 1:50,000.

Zaleski, E. and Pehrsson, S., 2005. Geology, Half Way Hills and Whitehills Lake area, Nunavut; Geological Survey of Canada, Map 2069A, scale 1:50,000.

Zaleski, E., Pehrsson, S.J., Davis, W.J., Greiner, E., L'Heureux, R., Duke, N., and Kerswill, J.A., 2001. Geology, Half Way Hills to Whitehills Lake area, Nunavut; Geological Survey of Canada, Open File 3697, scale 1:50,000.