UP-TO-DATE (as of June 30, 2015)

INVITED PAPERS IN PUBLISHED CONFERENCE PROCEEDINGS AND ABSTRACTS:

- <u>Ansdell, K.M.</u>, and Stanley, C., 2015. Geoscience knowledge requirements for Professional Registration: A 2015 primer for students as to the use of the GKE document (an update). AGU-GAC-MAC-CGU Joint Assembly, Montreal, 3-7 May 2015, Abstracts, 110-111.
- <u>Ansdell, K.M.</u>, and Stanley, C., 2014. Geoscience knowledge requirements for Professional Registration: A primer for students as to the use of the GKE document (an update). GAC-MAC Joint Annual meeting, Fredericton. Abstracts, v. 37, p. 10-11.
- Pascal, M., Ansdell, K.M., and Annesley, I., 2013. An overview of the petrography, geochemistry, Raman, and fluid inclusion analysis of variably graphitic and graphite-depleted pelitic schists in the Dufferin Lake zone. Saskatchewan Geological Survey Open House 2013, Abstract volume, p. 8
- Pandur, K., <u>Ansdell, K.</u>, Pearson, J., Harper, C., Halpin, K., Creighton, S., Kontak, D., and McFarlane, C.. 2013. The Hoidas Lake vein-type rare earth element deposit: zonation, fluid evolution, and age constraints. Saskatchewan Geological Survey Open House 2013, Abstract volume, p. 16
- <u>Ansdell, K.</u>, and the Exploration Footprints Project team, 2013 Update on the CMIC Footprints Project with a focus on the uranium and gold sites. Saskatchewan Geological Survey Open House 2013, Abstract volume, p. 2
- <u>Ansdell, K.M.</u>, and Stanley, C., 2013. Geoscience knowledge requirements for Professional Registration: A primer for students as to the use of the GKE document. GAC-MAC Joint Annual meeting, Winnipeg. Program with Abstracts, v. 36, p. 63
- Reid, K., <u>Ansdell, K</u>., Card, C., Brown, A., Witt, G., Creighton, S., and Jiricka, D. 2012. The Centennial unconformity-related uranium deposit, south-central Athabasca Basin: Highlights of geology, alteration, and deposit evolution. Saskatchewan Geological Survey Open House 2012, Abstract volume, p.8
- <u>Ansdell, K.</u>, and the CMIC Footprints Porject team, 2012. An overview of the uranium component of the CMIC Footprints Project. Saskatchewan Geological Survey Open House 2012, Abstract volume, p.5
- <u>Ansdell, K.M.</u>, 2012. Non-renewable and critical metals for the "Green Energy" future. 2nd Saskatchewan Mining conference, March 2012. Insight Information online book.

<u>Ansdell, K.M.</u>, 2011, The ends of the Trans-Hudson Orogen, Geological Society of America Annual meeting, Minneapolis, Oct 2011, Abst. 195124. *Keynote address*

- <u>Ansdell, K.M.</u>, 2011. Paleoproterozoic gold in central Canada, Calgary Mining Forum, April 2011, Abstract Volume p.45
- Ansdell, K.M., 2010, Epigenetic gold deposits and their relationship to the evolution of the western Flin Flon Domain, Saskatchewan. Saskatchewan Geological Survey Open House 2010, Abstract volume, p.23
- Annesley, I., Austman, C.L., Creighton, S., Mercadier, J., <u>Ansdell, K.M.</u>, Gittings, F., Bogdan, T.S., and Billard, D., 2010, Fraser Lakes U-Th-REE mineralization, southeastern Athabasca basement: Composition and U-Th-Pb chemical/isotopic ages with consequences for U protore and U/C-type mineralization. Saskatchewan Geological Survey Open House 2010, Abstract volume, p.8

- Ansdell, K.M. 2004. Geoscience conferences in Canada. Geoscience Summit 2004, 16-17 October 2004, Ottawa, Canadian Geoscience Council, p.37-38.
- <u>Ansdell, K.M.</u> 2002. Time slices showing the evolution of the Manitoba-Saskatchewan segment of the Paleoproterozoic Trans-Hudson Orogen. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 2.
- Maxeiner, R.O., Corrigan, D., Harper, C.T., MacDougall, D.G. and <u>Ansdell, K.M.</u> 2002. Paleoproterozoic backarc, arc and ophiolitic rocks on the northwest margin of the Trans-Hudson Orogen: Geological and geochemical constraints. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 74.
- Tran, H.T., Bethune, K.M. Watters, B. R., <u>Ansdell, K.M.</u>, Ashton, K.E., and Yeo, G.M., 2002, Paleoproterozoic plate tectonic evolution in an ancient continental interior: Evidence from the Cree Lake Zone, Saskatchewan. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 117.
- Tyler, I.M., Sheppard, S., and <u>Ansdell, K.M.</u> 2002. Paleoproterozoic orogenesis in the Kimberley region of northern Australia: a connection to Laurentia? Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 118.
- Lucas, S., Z. Hajnal, J. Lewry, D. White, W. Bleeker and <u>K. Ansdell</u>, 1998. Crustal growth and continental collisions in the 1.9-1.8 Ga Trans-Hudson Orogen (Manitoba and Saskatchewan). Geological Society of America, Abstracts with programs, v. 29, p. A-46.
- <u>Ansdell, K.M.</u> and K.A. Connors, 1997. The origin and evolution of 1835 Ma volcanism in the Wekusko Lake area, Manitoba. Geological Association of Canada, Program with Abstracts, v. 22, p. A5.
- <u>Ansdell, K.M.</u>, R. Stern, N. Machado, J. David, M. Parent and L. Heaman, 1997. Advances in understanding of the evolution of the southeastern Trans-Hudson Orogen from U-Pb geochronology. Geological Association of Canada, Program with Abstracts, v. 22, p. A5.
- Lucas, S.B., R.A. Stern, E.C. Syme, H. Zwanzig, A.H. Bailes, K.E. Ashton, R.O. Maxeiner, <u>K.M. Ansdell</u>, J.F. Lewry, J.J. Ryan and J. Kraus, 1997. Tectonics of the southeastern Reindeer Zone, Trans-Hudson Orogen (Manitoba and Saskatchewan). Geological Association of Canada, Program with Abstracts, v. 22, p. A93.
- <u>Ansdell, K.M.</u> 1996. Isotopes as guides to alteration and stratigraphy in volcanogenic massive sulphide camps. Manitoba Mining and Minerals Convention '96. Program and abstracts, p. 29-30.
- Bleeker, W., and <u>K.M. Ansdell.</u>, 1996. Geology of the Thompson Nickel Belt: a progress report. Manitoba Mining and Minerals Convention '96. Program and abstracts, p. 31.
- <u>Ansdell, K.M.</u>, K.A. Connors and S.B. Lucas, 1996. Post-accretionary evolution of the eastern Transhudson Orogen: Evidence from the Wekusko-File Lake areas. Geological Association of Canada, Program with Abstracts, v. 21, p. A4.
- <u>Ansdell, K.M.</u> and T. McCuaig, 1996. Evolution of lode gold systems from alteration and isotopic studies. Geological Association of Canada, Program with Abstracts, v. 21, p. A4.
- Lewry, J., S. R. Lucas, R. Stern, <u>K. Ansdell</u> and K. Ashton, 1996. Tectonic assembly and orogenic closure in the Trans-Hudson Orogen. Geological Association of Canada, Program with Abstracts, v. 21, . A56.
- Lucas, S.B., D. White, R. Stern, <u>K. Ansdell</u>, A. Leclair, E.C. Syme, A. Bailes, D.J. Thomas, B. Reilly, J. David, N. Machado and P.F. Williams, 1994. Mapping the Flin Flon Belt in three dimensions:

Integration of seismic reflection, geological, and geochronological data. Minerals Colloquium, Geological Survey of Canada, Prog. Abstr. p. 25.

- Lucas, S., R. Stern, <u>K. Ansdell</u>, D. White, E. Syme, A. Bailes, D. Thomas, J. David and N. Machado, . 1993. Structural, seismic and geochronological record of intra-oceanic to intra-continental faulting, Flin Flon Belt, Canada. Geological Society of America, Abstracts with programs, v. 25, p. A-236.
- <u>Ansdell, K.M.</u> and T.K. Kyser, 1991. Tectonic setting of mesothermal gold in the western Flin Flon Domain: Comparison with Archean and Phanerozoic examples. The Geological Society of CIM, First Annual Field Conference, Abstracts volume, p. 19-20.

CONTRIBUTED PAPERS IN PUBLISHED CONFERENCE PROCEEDINGS AND ABSTRACTS:

- Pandur, K., <u>Ansdell, K.</u>, McFarlane, C, Hanchar, J., and Harper, C., 2015. In-situ U-Pb geochronology, Hf and Sm-Nd isotopic characteristics of zircon, titanite, apatite and monazite from the Hoidas Lake REE mineralization, northern Saskatchewan, Canada. AGU-GAC-MAC-CGU Joint Assembly, Montreal, 3-7 May 2015, Abstracts, 309
- Pandur, K., Eglington, B, and <u>Ansdell, K.</u>, 2015. Digital litho- and chrono-stratigraphic representation of the Proterozoic geology of Australia. AGU-GAC-MAC-CGU Joint Assembly, Montreal, 3-7 May 2015, Abstracts, 392-393.
- Guffey, S.D., Piercey, S.J., <u>Ansdell, K.</u>, Kyser, K., Kotzer, T. and Zaluski, G., 2015. Potential pathfinder elements: Footprint of 3D lithogeochemistry of the Millennium unconformity-type uranium deposit, Athabasca Basin, Saskatchewan. International Applied Geochemistry Symposium, Tucson, April 20-24, 2015
- Guffey, S.D., Piercey, S.J., <u>Ansdell, K.</u>, Kyser, K., and **Gouiza**, M., 2014. Footprint of 3D lithogeochemistry of the Millennium unconformity-type uranium deposit, Athabasca Basin, Saskatchewan. Society of Economic Geologists 2014: Building Exploration Capability in the 21st Century, Program with Abstracts. Keystone, CO, USA, September 28-30th, 2014.
- Gouiza, M., <u>Ansdell, K.</u>, Feltrin, L., Kyser, K., and Brisbin, D., 2014. Development of a 3D geological model of the Athabasca Basin in the area of the McArthur River and Millennium uranium deposits, northern Saskatchewan, Canada: First step in Footprint detection. GAC-MAC Joint Annual meeting, Fredericton. Abstracts, v. 37, p. 106-107.
- Pandur, K., <u>Ansdell, K.</u>, Harper, C., and McFarlane, C.. 2014. Age constraints on the Hoidas Lake REE mineralization, northern Saskatchewan, Canada, using U-Pb laser ablation ICP-MS geochronology. GAC-MAC Joint Annual meeting, Fredericton. Abstracts, v. 37, p. 212.
- Pandur, K., <u>Ansdell, K.M.</u>, and Kontak, D., 2014. Apatite and allanite-hosted REE mineralization at Hoidas Lake, Saskatchewan, Canada and implications for the melts/fluids responsible for REE deposition and remobilization. North Atlantic Craton conference 2014, St. Andrew's
- Mackay, C.B., <u>Ansdell, K.M</u>., St-Onge, M.R., Rayner, N.M, and Mate, D., 2013. Geological, age, and geochemical constraints on the evolution of the northeastern Paleoproterozoic Trans-Hudson Orogen from the southern Hall Peninsula, Baffin Island, Canada. Geological Society of America, Denver, Paper 124-6.
- Pandur, K., <u>Ansdell</u>, K.M., and Creighton, S., 2013. Allanite and apatite compositional variations and implications for the magmatic-hydrothermal evolution of the mineralized veins in the Hoidas Lake

REE deposit, Saskatchewan. Society of Economic Geologists, Whistler 2013: Geoscience for Discovery. Abstract Volume, p. 99-100

- Pascal, M, <u>Ansdell, K</u>, Annesley, I, Brown, A., Kotzer, T., Witt, G., and Jiricka, D., 2013. Petrography and geochemistry of the pelitic schist in the Dufferin Lake Zone, south central Athabasca Basin, Saskatchewan, Canada, 12th SGA Biennial meeting, Uppsala,
- Pascal, M, <u>Ansdell, K</u>, Annesley, I, Boiron, M-C, Kotzer, T, Jiricka, D and Cuney, M., 2013. Microthermometric and Raman Analysis of Fluids that Interacted with Variably Graphitic Pelitic Schist in the Dufferin Lake Zone, South-Central Athabasca Basin: Implications for Graphite Loss and Uranium Deposition, Goldschmidt 2013, Florence, Mineralogical Magazine, 77(5), p. 1930
- Pandur, K., Kontak, D., and <u>Ansdell, K.</u>, 2013. Fluid and melt inclusions constrain the origin and evolution of the Hoidas Lake LREE-enriched deposit, Saskatchewan, Canada. European Current Research on Fluid Inclusions XX11 (ECROFI 2013), Antalya, Turkey. Abstract Book, p. 124-125..
- Elliott, R., <u>Ansdell, K.M.</u>, Harper, C.T., **Pandur, K.**, and Pearson, J., 2013. Field relationships, petrography and geochemistry of lamprophyre dykes from the Hoidas Lake area, Zemlak Domain, Saskatchewan. GAC-MAC Joint Annual meeting, Winnipeg. Program with Abstracts, v. 36, p. 92
- McKechnie, C.L., Annesley, I.R., and <u>Ansdell, K.M</u>., 2013. Petrogenetic model for U-Th-REE mineralized granitic pegmatites in the high-grade metamorphic rocks of the Wollaston Domain, Saskatchewan: Evidence from Fraser Lakes Zone B. GAC-MAC Joint Annual meeting, Winnipeg. Program with Abstracts, v. 36, p. 141
- Millar, R., Annesley, I.R., Rudnick, R.L., Liu, X., and <u>Ansdell, K.</u>, 2013. Li and B isotopic composition of basement rocks from multiple sites of the Eastern Athabasca Basin, Saskatchewan, implications as a possible vectoring tool? GAC-MAC Joint Annual meeting, Winnipeg. Program with Abstracts, v. 36, p. 146-147
- Pandur, K., <u>Ansdell, K.</u>, Kontak, D., Creighton, S., Harper, C., Pearson, J., and Halpin, K., 2013. Allanites, melt and fluid inclusions in the Hoidas Lake REE deposit, Saskatchewan, Canada: Constraints on a complex magmatic-hydrothermal system. GAC-MAC Joint Annual meeting, Winnipeg. Program with Abstracts, v. 36, p. 156.
- **Reid, K.,** <u>Ansdell, K</u>., and Chi, G., 2013. Preliminary investigation of fluids associated with the Mackenize dykes in the Centennial deposit area, south-central Athabasca Basin, Saskatchewan. GAC-MAC Joint Annual meeting, Winnipeg. Program with Abstracts, v. 36, p. 169
- McKechnie, C. L., Annesley, I.R., and <u>Ansdell, K.M.</u>, 2012. Anatexis and uranium protore in the Wollaston Domain, Saskatchewan. 22nd Goldschmidt Conference, Montreal, June 2012, Abst. 3032.
- Millar, R., Annesley, I.R., Rudnick, R.L., Xiaoming, L., and <u>Ansdell, K.M.</u>, 2012. Li and B isotopic composition of basement rocks, Dawn Lake area, Athabasca Basin, Saskatchewan. 22nd Goldschmidt Conference, Montreal, June 2012, Abst. 2215
- Pascal, M., <u>Ansdell, K.M.</u>, Annesley, I., Jiricka, D., Witt, G., and Brown, A. 2012. Graphite-bearing and graphite-depleted basement rocks in the Dufferin Lake Zone, south-central Athabasca Basin, Saskatchewan: Initial observations and future work. 22nd Goldschmidt Conference, Montreal, June 2012, Abst. 243.
- Pandur, K., <u>Ansdell, K.M.</u>, and Halpin, K., 2012. Preliminary petrographic observations on fluid inclusions in the Hoidas Lake REE deposit, Saskatchewan, Canada. Pan-American Current Research on Fluid Inclusions (PACROFI-XI), Windsor, June 2012. Abst. Volume, p.71-72.

Ansdell, K., Hunchak, A., and Pell, J. 2012. Precambrian basement rocks in the vicinity of the Chidliak

kimberlites: Initial mapping on the Hall Peninsula, Baffin Island. GAC-MAC Annual meeting, St. John's, May 2012, Abst. 320.

- Millar, R., Annesley, I.R., and <u>Ansdell, K.M.</u>, 2012. Examining the geochemical potential for using the U-Th-Pb isotope systems in the basement lithologies of the Athabasca Basin to vector towards mineralization. GAC-MAC Annual meeting, St. John's, May 2012, Abst. 464.
- **Reid, K.,** <u>Ansdell, K.M.</u>, Jiricka, D., Witt. G., and Potter, E., 2012. Paragenesis of the Centennial unconformity-related uranium deposit and the potential for igneous driven hydrothermal activity in the Athabasca Basin. GAC-MAC Annual meeting, St. John's, May 2012.
- Eglington, B., Pehrsson, S., <u>Ansdell, K.M.</u>, Lescuyer, J-L., Quirt, D., Milesi, J-P., and Brown, P., 2011, Late Archean to Mesoproterozoic geology of Nuna illustrated as a time-space correlation chart and time-slice paleogeographic reconstructions, GSA Annual meeting Minneapolis, Oct 2011, Abst. 198118
- Keim, R.D., <u>Ansdell, K.M.</u>, Sanborn-Barrie, M., and Young, M., 2011. Karasjok-type komatiites SE Baffin Island, GSA Annual meeting Minneapolis, Oct 2011, Abst. 193584
- Millar, R., Annesley, I., and <u>Ansdell, K.M.</u>, 2011. Potential for using multiple isotope systems in the basement lithologies of the Athabasca Basin to vector towards mineralization. Int. Applied Geochemistry Symposium, Finland, Aug 2011
- <u>Ansdell, K.M.</u>, 2011. Mineral exploration learning experience at the University of Saskatchewan: Why, how, and outcomes, GAC-MAC-SEG-SGA, Ottawa, May 2011
- Austman, C, Annesley, I., and <u>Ansdell, K.M.</u>, 2011. The geological setting, composition, and origin of the Fraser Lakes Zone B granite-pegmatite hosted U-Th-REE mineralization, Wollaston Domain, northern Saskatchewan, Canada. GAC-MAC-SEG-SGA, Ottawa, May 2011, Abstract 281.
- Keim, R.D., <u>Ansdell, K.M.</u>, Sanborn-Barrie, M., Young, M., Rayner, N. and Wodicka, N. 2011. Totnes Road volcanic rocks: A fragmental, Ti-enriched komatiite sequence on Cumberland Peninsula, Baffin Island, GAC-MAC-SEG-SGA, Ottawa, May 2011
- Reid, K.D., <u>Ansdell, K.M.</u>, Jiricka, D., and Witt, G. 2011. Composition and timing of chlorites at the Centennial unconformity-related uranium deposit, Athabasca Basin, Saskatchewan. GAC-MAC-SEG-SGA, Ottawa, May 2011
- Reid, K.D., and <u>Ansdell, K.M.</u> 2011. Elemental changes recorded in variably altered granitoid rocks in the vicinity of the Centennial unconformity-related uranium deposit, northern Saskatchewan, and implications for uranium mineralization. GAC-MAC-SEG-SGA, Ottawa, May 2011
- <u>Ansdell, K.M.</u>, 2011. Mineral exploration learning experience at the University of Saskatchewan: Why, how, and outcomes, Calgary Mining Forum, April 2011, Abstract Volume p.54
- Halpin, K., <u>Ansdell, K.M.</u>, Pearson, J., and Billingsley, G., 2010. The geology of the Hoidas Lake deposit and its place in the North American Rare Element Market. Short Course: Rare Earth Elements and Rare Metals bring rare opportunities to Mining, Manitoba Mining and Minerals Convention, Winnipeg, Nov 20, 2010.
- Halpin, K., <u>Ansdell, K.M.</u>*, and Pearson, J., 2010, The characteristics and origin of Great Western Minerals Group Ltd.'s Hoidas Lake REE deposit, Rae Province, northwestern Saskatchewan. International Workshop Geology of Rare Metals, Victoria, Nov 9 and 10, 2010.
- Halpin, K., <u>Ansdell, K.M.</u>*, and Pearson, J., 2010, Complex vein relationships and origin of the Hoidas Lake REE deposit, Saskatchewan, Canada. GSA 2010 Annual meeting, Denver, Oct 2010, Abstract 181557

- Austman, C, Annesley, I., and <u>Ansdell, K.M.</u> 2010, Mineralogy, geochemistry and economic potential of granitic pegmatite-hosted uranium, thorium, and REE mineralization adjacent to the Athabasca Basin, Saskatchewan, Canada. SEG 2010 Conference, Keystone, Oct 2010
- Austman, C, <u>Ansdell, K.M.</u>*, and Annesley, I., 2010, Petrography and geochemistry of granitic pegmatite- and leucogranite-hosted uranium & thorium mineralization: Fraser Lakes Zone B, northern Saskatchewan, Canada. *GeoCanada 2010, Calgary*, Abstract 543
- Keim, R*., <u>Ansdell, K.M.</u>, Sanborn-Barrie, M., and Young, M., 2010, Field relationships and stratigraphy of the Totnes Road Volcanics, Cumberland Peninsula, Baffin Island. *GeoCanada 2010, Calgary*, Abstract 805
- Larsen, A., <u>Ansdell, K.M.M</u>*., and Prokopiuk, T., 2010, The making of a geological map of the University of Saskatchewan campus. *GeoCanada 2010, Calgary*, Abstract 922.
- **Reid, K***, <u>Ansdell, K.M.</u>, Jiricka, D., Witt, G. and Card, C., 2010, Regional setting and general characteristics of the Centennial unconformity-related uranium deposit. *GeoCanada 2010, Calgary*, Abstract 838 (oral and poster)
- Austman, C*, <u>Ansdell, K.M.</u>, and Annesley, I., 2009, Granitic pegmatite- and leucogranite-hosted uranium mineralization adjacent to the Athabasca Basin, Saskatchewan, Canada: A different target for uranium exploration. *Geological Society of America Annual Meeting, Portland, OR*, Abstract 543
- S. Alirezaei*, E. Ashrafpour, and <u>K. M. Ansdell.</u>, 2009, Laser Combustion Analyses of Pyrite Grains from Arghash Gold Prospect, Iran. *Eos Trans. AGU*, *90*(22), Jt. Assem. Suppl., Abstract V13E-06
- S. Alirezaei*, E. Ashrafpour, and <u>K. M. Ansdell</u>., 2009, Hydrothermal Fluid Evolution during Vein Formation in Arghash Gold Prospect, Northeast of Iran. *Eos Trans. AGU*, 90(22), Jt. Assem. Suppl., Abstract V23-A03
- Halpin, K., <u>Ansdell, K.M.</u>, and Pearson, J., 2008, The Hoidas Lake REE deposit, northern Saskatchewan: A complex apatite-allanite vein system. Joint Annual meeting, GAC-MAC-SEG-SGA, Abstracts Volume 33, p.68-69.
- Halpin, K., <u>Ansdell, K.M.</u>, and Pearson, J., 2007, Vein relationships and mineral compositions at the Hoidas Lake REE deposit, Rae Province, northern Saskatchewan. Geological Association of Canada/Mineralogical Association of Canada, Abstracts Volume 32, p.34.
- Ashrafpour, E., and <u>Ansdell, K.M.</u>, 2006, Cenozoic magmatism and associated mineralization in Iran. Geological Association of Canada/Mineralogical Association of Canada, Abstracts Volume 31, p.6.
- Ansdell, K.M., and Wardle, R.J., 2005, Correlation chart for the Paleoproterozoic of Canada. Geological Association of Canada/Mineralogical Association of Canada/CSPG/CSSS, Abstracts Volume 30, p.4-5.
- Shewfelt, D.A., <u>Ansdell, K.M.</u>, and Sheppard. S., 2005, The nature and origin of Western Australian tourmaline nodules. Geological Association of Canada/Mineralogical Association of Canada/CSPG/CSSS, Abstracts Volume 30, p.175.
- <u>Ansdell, K.M.</u>, Ivanov, S., Abeleira, A., and Wartho, J-A., 2004, Constraints on the age of gold mineralization at the Kumtor gold deposit, Kyrgyzstan. Geological Association of Canada/Mineralogical Association of Canada, Abstracts Volume 29, abst. no. GS02-17, p.378.
- **Bray, D.A.**, <u>Ansdell, K.M.</u> and Sheppard, S. 2003, Mineralogy and geochemistry of the orbicular Scrubber Granite, Capricorn Orogen, Western Australia: Implications for orbicle origin and tectonic setting.

Geological Association of Canada/Mineralogical Association of Canada/Society of Economic Geologists Abstracts CD-ROM, abst. No. 397

- <u>Ansdell, K.M.</u>, Renaut, R.W., Jones, B. and Rosen, M.R., 2002, Isotopic constraints on the formation of siliceous sinters at Waiotapu and Orakeikorako, North Island, New Zealand. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 3
- Bergeron, J., Stauffer, M. and <u>Ansdell, K.M.</u>, 2002, The Black Bay deformation zone, Rae Province, Canadian Shield: Archean ductile deformation to Paleoproterozoic brittle slip; 900 My of reactivation. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p.82
- Harder, M, <u>Ansdell, K.M.</u>, McGill, B., Richardson, L., Quirt, D. and Wasyliuk, K. 2002, Elemental distributions in the Zone 2 ore body, McArthur River deposit, northern Saskatchewan. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 46.
- Ivanov, S.M. and <u>Ansdell, K.M.</u>, 2002, Mineralization styles and fluid evolution at the Kumtor gold deposit, Kyrgyzstan: Textures, stable isotopes and fluid inclusions. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 54
- Johns, S.M., <u>Ansdell, K.M.</u> Corrigan, D., St-Onge, M., and Scott, D. J., 2002, Constraints on the provenance and tectonic evolution of the Piling Group metasedimentary rocks, Baffin Island, Nunavut. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 56.
- Morelli, R.M., Ashton, K.E., <u>Ansdell, K.M.</u> and Maxeiner, R.O. 2002, Geochemical investigations of the Martin Group igneous rocks, Beaverlodge Domain, northwestern Saskatchewan. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 77.
- Tyler, I.M., Sheppard, S., and <u>Ansdell, K.M.</u>, 2002. Palaeoproterozoic plate collision in the Kimberley region of northern Australia: a connection to Laurentia? In Preiss, V.P. (editor), Geoscience 2002; Expanding Horizons. Geological Society of Australia, Abstracts No. 67, p. 150.
- Yeo, G.M., Tran, H.T., and <u>Ansdell, K.M.</u> 2002. Rift, passive margin, and foreland basin sedimentation in the Paleoproterozoic Wollaston Supergroup, Saskatchewan. Geological Association of Canada/Mineralogical Association of Canada Abstracts Volume 27, p. 128.
- <u>Ansdell, K.M.</u> 2001. Evolution of the Trans-Hudson Orogen, central Canada: Role of Archean cratons. In: Cassidy, K.F. et al. (eds.), 4th International Archean Symposium 2001, Extended Abstracts. AGSO-Geoscience Australia, Record 2001/37, p. 275-277.
- <u>Ansdell, K.M.</u>, and Hollings, P., 2001, Geochemical composition of Paleoproterozoic granitoids, Kisseynew Domain, Manitoba/Saskatchewan, and implications for the development of the Trans-Hudson Orogen. Geological Association of Canada Abstracts Volume 26, p. 4
- Coolican C.T., <u>Ansdell, K.M.</u>, Kerrich, R., and Stauffer M., 2001, Geology and geochemical nature of granitoids along part of the Wathaman Batholith-Tonalite Migmatite Complex contact: Evidence for slab-derived melts in the Paleoproterozoic. Geological Association of Canada Abstracts Volume 26, p. 28-29
- Tran, H.T., Bethune, K.M., Watters, B.R., <u>Ansdell, K.M.</u>, Ashton, K.E., and Yeo, G.M., 2001, Tectonic evolution of a Precambrian continental margin from rifting to foreland fold-thrust belt development: Evidence from the Cree Lake Zone, Trans-Hudson Orogen, Saskatchewan. Geological Association of Canada Abstracts Volume 26, p. 150.
- Yeo, G., Ashton, K.E., Delaney, G., Harper, C., Maxeiner, R., <u>Ansdell, K.M.</u>, Corrigan, D., and Tran, H.T., 2001, An update on the western Trans-Hudson Orogen in Saskatchewan. Geological Association of Canada Abstracts Volume 26, p. 166.

- Abeleira, A., <u>Ansdell, K.M.</u>, and Heaman, L., 2000, U-Pb and Nd isotope constraints on the evolution of the Tien Shan, Kumtor region, Kyrgyzstan. Geological Society of America Abstracts with Programs, v.32, p. A-32.
- Abeleira, A., <u>Ansdell, K.M.</u>, Thomas, D., Heaman, L., and Melrose, D.L., 2000, Geology and structural evolution of the Kumtor region, Tien Shan, Kyrgyzstan. In Bucci, L.A. and Mair, J.L. (eds), Gold in 2000. Poster session extended abstracts, p.41-46
- Ivanov, S. and <u>Ansdell, K.M.</u>, 2000, Constraints on the fluid evolution at Kumtor gold deposit: Textural relationships and stable isotopes. Geological Society of America Abstracts with Programs, v.32, p. A-425
- Ivanov, S.M., <u>Ansdell, K.M.</u>, and Melrose, D.L., 2000, Ore texture and stable isotope constraints on ore deposition mechanisms at the Kumtor lode gold deposit. In Bucci, L.A. and Mair, J.L. (eds), Gold in 2000. Poster session extended abstracts, p.47-52.
- Tran, H.T., Lewry, J.F., Bethune, K.M. <u>Ansdell, K.M.</u>, Ashton, K.E., Yeo, G.M., and Hamilton, M.A., 2000, Evolution from passive margin to freland basin along an ancient continental margin: Evidence from the Paleoproterozoic Wollaston Group, Cree Lake Zone, northern Saskatchewan, Canada. Geological Society of America Abstracts with Programs, v.32, p. A-376.
- Ansdell, K.M., MacNeil, A., Delaney, G.D., and Hamilton, M.A. 2000. Rifting and development of the Hearne craton passive margin: Age constraint from the Cook Lake area, Wollaston Domain, Trans-Hudson Orogen, Saskatchewan. Geological Association of Canada, Conference Abstracts, v. 25, CD-ROM
- Wright, D.M., <u>Ansdell, K.M.</u>, Corrigan, D., and Maxeiner, R.O. 2000. Metamorphic petrology and tectonic setting of variably altered Paleoproterozoic volcanic rocks, Reindeer Lake, northern Saskatchewan. Geological Association of Canada, Conference Abstracts, v. 25, CD-ROM
- Tran, H.T., Lewry, J.F., Bethune, K., Ashton, K., Yeo, G. and <u>Ansdell, K.M.</u> 2000. Crustal thrusting and tectonic imbrication in the Cree Lake Zone, northern Saskatchewan: Implications for the tectonic evolution of the western foreland of the Trans-Hudson Orogen. Geological Association of Canada, Conference Abstracts, v. 25, CD-ROM
- <u>Ansdell, K.M.</u>, **Abeleira, A.**, and **Ivanov, S**. 1999. Structural evolution and vein paragenesis at the Kumtor gold deposit, Kyrgyzstan. Mineral Deposits: Processes to Processing, Stanley et al. (eds), Balkema, Rotterdam, p. 1375-1378.
- <u>Ansdell, K.M.</u>, Ashton, K., Hajnal, Z., and Lucas, S. 1999. The western Trans-Hudson Orogen: A wellpreserved record of interactions with three Archean cratons during Paleoproterozoic mountain building. In: Tectonic and magmatic processes in crustal growth: A Pan-Lithoprobe perspective. Lithoprobe Report 75, p. 71-77.
- King, J.B., and <u>Ansdell, K.M.</u> 1999. Amphibolite lithogeochemistry and stable isotope analysis of quartz veins at the Discovery Mine Property, southern Slave Province, N.W.T.: Preliminary results. 27th Yellowknife Geoscience Forum, Program and Abstracts, p. 37-38.
- <u>Ansdell, K.M.</u>, D. Corrigan, R. Stern and R. Maxeiner, 1999. SHRIMP U-Pb geochronology of complex zircons from Reindeer Lake, Saskatchewan: Implications for timing of sedimentation and metamorphism in the Trans-Hudson Orogen. Geological Association of Canada, Program with Abstracts, v. 24, p. 3.

- Bergeron, J., M.R. Stauffer and <u>K.M. Ansdell</u>, 1999. Structural evolution of the Black Bay Shear Zone, Uranium City, northwestern Saskatchewan. Geological Association of Canada, Program with Abstracts, v. 24, p. 9.
- Corrigan, D., S.B. Lucas, R. Theriault, R.O. Maxeiner and <u>K.M. Ansdell</u>, 1999. Terrane assembly and tectonmagmatic evolution of the northwestern Reindeer Zone, Trans-Hudson Orogen: Insights from the Reindeer Lake transect. Geological Association of Canada, Program with Abstracts, v. 24, p. 26.
- King, J.B., M.P. Stubley and <u>K.M. Ansdell</u>, 1999. Geological and alteration characteristics of the Discovery gold property, southern Slave Province, N.W.T. Geological Association of Canada, Program with Abstracts, v. 24, p. 63.
- **Abeleira, A.** and <u>K.M. Ansdell</u>, 1998. Structural evolution of the Kumtor region, Kyrgyzstan: Implications for gold mineralization. Geological Society of America, Abstracts with programs, v. 29, p. A-367.
- **Ivanov, S.** and <u>K.M. Ansdell</u>, 1998. Vein paragenesis at the Kumtor gold deposit, Central Tien Shan, Kyrgyzstan. Geological Society of America, Abstracts with programs, v. 29, p. A-367.
- Ansdell, K.M., A. Abeleira, S. Ivanov, D. Thomas and V. Sopuck, 1998. The Kumtor gold deposit, Kyrygyzstan: Structural, stratigraphic, and vein relationships in the Central Tien Shan. Geological Association of Canada, Program with Abstracts, v. 23, p. A5.
- MacNeil, A., G. Delaney and <u>K.M. Ansdell</u>, 1998. Early rift history of the Wollaston Domain, northern Saskatchewan: A perspective from the Cook Lake area. Geological Association of Canada, Program with Abstracts, v. 23, p. A115.
- Abeleira, A., S.M. Ivanov and <u>K.M. Ansdell</u>, 1998. Structural controls at the Kumtor lode-gold deposit, Kyrgyzstan. Pathways '98 Extended Abstracts Volume, p. 238.
- <u>Ansdell, K.M.</u> and R.A. Stern, 1997. SHRIMP geochronology in the Trans-Hudson Orogen: Detrital zircons in turbiditic and fluvial sedimentary rocks. Trans-Hudson Orogen Lithoprobe Transect Report 62, p. 119-129
- <u>Ansdell, K.M.</u> and W. Bleeker, 1997. The margin of the Superior Craton: Neodymium isotope constraints on the evolution of the Thompson Nickel Belt, Manitoba. Geological Association of Canada, Program with Abstracts, v. 22, p. A4.
- Abeleira, A. and <u>K.M. Ansdell</u>, 1997. Preliminary field data on the structural setting of the giant Kumtor lode-gold deposit, Kyrgyzstan. Geological Association of Canada, Program with Abstracts, v. 22, p. A1.
- Kontak, D.J., W. Halter, A.E. Williams-Jones, R.F. Martin, <u>K.M. Ansdell</u> and J. Dostal, 1997. A geochemical, isotopic and fluid inclusion study of pegmatite formation in a fluorine-rich environment: The East Kemptville Sn deposit, Nova Scotia, Canada. Geological Association of Canada, Program with Abstracts, v. 22, p. A80
- **Tisdale, D.**, G. Delaney and <u>K.M. Ansdell</u>, 1997. Paleoproterozoic iron formation of the Courtenay Lake-Cairns Lake fold belt, Wollaston Domain, Saskatchewan, and potential for base metal mineralization. Geological Association of Canada, Program with Abstracts, v. 22, p. A148.
- Yang, H., T.K. Kyser, <u>K. Ansdell</u>, D. Archibald and H. Sandeman, 1997. Metamorphic and cooling history of the La Ronge Domain, Trans-Hudson Orogen. Geological Association of Canada, Program with Abstracts, v. 22, p. A160.
- <u>Ansdell, K.M.</u>, 1996. The Scimitar Lake gneisses: Preliminary data on metamorphic conditions. Trans-Hudson Orogen Lithoprobe Transect Report 55, p.143-151.

- Durocher, K.E., T.K. Kyser, <u>K.M. Ansdell</u> and G.D. Delaney, 1996. Tectonism, mesothermal gold, and fluid evolution in the Paleoproterozoic Glennie Domain of the Trans-Hudson Orogen, Saskatchewan, Canada. Pan-American Conference on Research on Fluid Inclusions (PACROFI VI), Program and Abstracts, p. 40-42.
- Lucas, S.B., Ashton, K.E., Syme, E.C., Stern, R.A., White, D.J., <u>Ansdell, K.M.</u> and Ryan, J.J. 1996, Fourdimensional mapping of the Flin Flon Belt through interdisciplinary NATMAP and LITHPROBE studies. In: Ashton, K.E. and Harper, C.T. (Eds.), MinExpo '96 Symposium - Advances in Saskatchewan Geology and Mineral Exploration, Saskatchewan Geological Society Special Publication 14, p.4-25. Regina.
- <u>Ansdell, K.M.</u>, 1995. Detrital zircons in fluvial sedimentary rocks: Implications for the development of the Trans-Hudson Orogen. Precambrian '95, Program and Abstracts, p. 59.
- <u>Ansdell, K.M.</u>, D. Thomas and T.K. Kyser, 1995. Variations in style and timing of gold mineralization in the Trans-Hudson Orogen, Canada. Precambrian '95, Program and Abstracts, p. 125.
- Lucas, S.B., R.A. Stern, E.C. Syme, J.F. Lewry and <u>K.M. Ansdell</u>, 1995. Role of intraoceanic tectonics in the development of Paleoproterozoic continental crust, Trans-Hudson Orogen (Manitoba and Saskatchewan). Precambrian '95, Program and Abstracts, p. 26.
- <u>Ansdell, K.M.</u> and **H. Yang**, 1995. Detrital zircons in the McLennan Group meta-arkoses and MacLean Lake Belt, western Trans-Hudson Orogen. Trans-Hudson Orogen Lithoprobe Transect Report 48, p. 190-197.
- Ansdell, K.M. and K.A. Connors, 1995. Geochemistry of mafic volcanic rocks, east Wekusko Lake, Manitoba. Trans-Hudson Orogen Lithoprobe Transect Report 48, p. 198-205.
- <u>Ansdell, K.M.</u>, S.B. Lucas, K.A. Connors and R.A. Stern, 1995. Kisseynew gneisses, Trans-Hudson Orogen: Development and closure of a heavily-sedimented back-arc basin. Special Session - "The Assembly of Continent - Structures and Processes". Geol. Assoc. Canada, Abstracts with programs, p. A3.
- Ansdell, K.M. and K.A. Connors, 1995. Collisional processes in the eastern Trans-Hudson Orogen, Wekusko Lake, Manitoba. Geol. Assoc. Canada, Abstracts with programs, p. A3.
- Gregoire, D.C., <u>K.M. Ansdell</u>, D.M. Goltz and C.L. Chakrabarti, 1994. The application of electrothermal vaporization inductively coupled plasma mass spectrometry for analysis of single zircons. 77th Can. Spectroscopy Conf., Winnipeg.
- Connors, K.A. and K.M. Ansdell, 1994. Evidence for early thrust faulting along the Flin Flon Kisseynew boundary, eastern Trans-Hudson Orogen, Manitoba. Geol. Assoc. Canada, Abstracts with programs, p. A22.
- Lucas, S.B., D. White, R. Stern, <u>K. Ansdell</u>, A. Leclair, E.C. Syme, A. Bailes, D.J. Thomas, B. Reilly, J. David, N. Machado and P.F. Williams, 1994. Mapping the Flin Flon Belt in three dimensions: Integration of seismic reflection, geological, and geochronological data. Minerals Colloquium, Geological Survey of Canada, Prog. Abstr. p. 25.
- <u>Ansdell, K.M.</u> and K.A. Connors, 1994. Geochronology of continental sedimentary and volcanic rocks in the Flin Flon Domain: new results. Trans-Hudson Orogen Transect Lithoprobe Workshop Report 38, p. 205-213.

- Connors, K.A. and <u>K.M. Ansdell</u>, 1994. Timing and significance of thrust faulting along the boundary between the Flin Flon and Kisseynew Domains, eastern Trans-Hudson Orogen. Trans-Hudson Orogen Transect Lithoprobe Workshop Report 38, p. 112-122.
- Lucas, S.B., R.A. Stern, J. Fedorowich and <u>K. Ansdell</u>, 1994. A brief history of the Flin Flon Belt. Trans-Hudson Orogen Transect Lithoprobe Workshop Report 38, p. 251-260.
- <u>Ansdell, K.M.</u>, A.R. Norman and S.B. Lucas, 1993. Duration of Paleoproterozoic post-extensional crustal shortening along the southern flank of the Kisseynew Domain, Trans-Hudson Orogen. Geological Society of America, Abstracts with programs. v. 25, p. A-47.
- Lucas, S., R. Stern, <u>K. Ansdell</u>, D. White, E. Syme, A. Bailes, D. Thomas, J. David and N. Machado, 1993. Structural, seismic and geochronological record of intra-oceanic to intra-continental faulting, Flin Flon Belt, Canada. Geological Society of America, Abstracts with programs. v. 25, p. A-236.
- <u>Ansdell, K.M.</u> and A.R. Norman, 1993. The timing of magmatism, deformation and metamorphism along the southern flank of the Kisseynew Domain. Trans-Hudson Orogen Transect Lithoprobe Workshop Report 34, p. 219-225.
- <u>Ansdell, K.M.</u>, T.K. Kyser and D. O'Hanley, 1991. Comparison between the single-zircon Pbevaporation technique and high-precision U-Pb geochronology: Relevance of ²⁰⁷Pb/²⁰⁶Pb ages. Geological Society of America, Abstracts with programs, v. 23, no. 5, p. A149-A150.
- <u>Ansdell, K.M.</u> and T.K. Kyser, 1991. Tectonic setting of mesothermal gold in the western Flin Flon Domain: Comparison with Archean and Phanerozoic examples. The Geological Society of CIM, First Annual Field Conference, Abstracts volume, p. 19-20.
- <u>Ansdell, K.M.</u>, M.R. Stauffer, T.K. Kyser and G. Edwards, 1991. Age and source of detrital zircons from the Missi Group: A Proterozoic molasse deposit, Trans-Hudson Orogen. Geological Association of Canada Mineralogical Association of Canada, Program with Abstracts, v. 16, p. A3.
- <u>Ansdell, K.M.</u>, T.K. Kyser, R. Feng and D. O'Hanley, 1991. Theory and applications of the single-zircon Pb-evaporation technique. 27th Annual Western Inter-University Geological Conference, Abstracts volume.
- <u>Ansdell, K.M.</u> and T.K. Kyser, 1990. Temporal evolution of magmatism in a Proterozoic greenstone belt: Single-zircon Pb-evaporation data from the Flin Flon Domain, Canada. Geological Society of America. Abstracts with programs, v. 22, no. 7, p. A262.
- <u>Ansdell, K.M.</u> and T.K. Kyser, 1990. Proterozoic mesothermal gold deposits, western Flin Flon Domain, Saskatchewan: Geological setting and fluid composition. Geological Association of Canada -Mineralogical Association of Canada, Program with Abstracts, v. 15, p. A3.
- <u>Ansdell, K.M.</u>, T.K. Kyser and F. McDougall, 1989. Gold in the Proterozoic Flin Flon Domain: The Laurel Lake Au-Ag deposit, Flin Flon greenstone belt, Saskatchewan. Geological Association of Canada Mineralogical Association of Canada, Program with abstracts, v. 14, p. A3.

PRESENTATIONS AT CONFERENCES (Non-Invited):

There are no abstracts for these presentations.

<u>Ansdell, K.</u>, **Gouiza, M.**, Kyser, K., and Footprints team, 2014. Footprints Project: Overview of uranium site activity. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 3rd, 2014 (poster)

- **Boulanger, S.,** <u>Ansdell, K.</u>, Aubin, A., and Bridges, N., 2014. Perched and unconformity-type mineralization of the Fox Lake trend, eastern Athabasca Basin, Saskatchewan: Evidence for multi-stage uraninite and sulphides. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 3rd, 2014 (poster)
- Hillacre, S., <u>Ansdell, K.</u>, and Sykes, J., 2014. Preliminary stereonet interpretation and structural analysis of the Arroe uranium discovery, Athabasca Basin, Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 3rd, 2014 (poster – *Best undergraduate poster*)
- **Millette, V.**, Marleau, N, <u>Ansdell, K</u>, and Laroque, C., 2014. Basalt composition at an old mine site: Is there a link with soil composition and tree growth. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 3rd, 2014 (poster)
- **Normore, N.,** and <u>Ansdell, K.</u>, 2013. Boundary Intrusion polymictic breccias, Flin Flon/Creighton area (MB/SK): Field relationships. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 3rd, 2014 (poster)
- **Gouiza, M.**, <u>Ansdell, K.M</u>., Feltrin, L., Kyser, K., and Brisbinm D. 2014. Development of a 3D geological model of the Athabasca Basin in the area of the McArthur River and Millennium uranium deposits, northern Saskatchewan, Canada: First step in Footprint detection. PDAC-SEG Student Minerals Colloquium, Toronto, March 3rd, 2014 (poster)
- Feltrin, L., Banerjee, N., Ugalde, H., Gouiza, M., <u>Ansdell, K.</u>, Morris, B., and McGaughey, J., 2014. Combining Fry analysis with 3D modelling and geophysical inversion: a Data Integration study of the southeastern margin of the Athabasca Basin, northern Saskatchewan, Canada. PDAC-SEG Student Minerals Colloquium, Toronto, March 3rd, 2014 (poster)
- **Gaco, D.,** <u>Ansdell, K</u>., Quirt, D., and Benedicto, A., 2013. A petrographical and geochemical comparison of various rock units in the Kiggavik area. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 4th, 2013 (poster)
- Martyniuk, E., <u>Ansdell, K</u>., Delaney, G., and Fetter, J., 2013. Petrography and geochemistry of the Jansem sediment hosted copper showings of the Wollaston Domain, northern Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 4th, 2013, 2012 (poster)
- **Normore, N.,** and <u>Ansdell, K.</u>, 2013. Another look at the Boundary Intrusions in the Flin Flon area. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 4th, 2013 (poster)
- Wiens, E., <u>Ansdell, K.</u>, and Card, C., 2013. Examination of graphite in pelitic gneisses from Read Lake area drillcore. Saskatchewan Geological Survey Open House, Saskatoon, Dec 2nd to 4th, 2013 (poster)
- Pandur, K., <u>Ansdell, K.M.</u>, Creighton, S., Harper, C., and Pearson, J., 2013. Primary magmatic-pegmatitic and secondary hydrothermal allanite in the Hoidas Lake REE deposit, Saskatchewan. PDAC Student Colloquium, Toronto, March 2013 (poster)
- **Reid, K**., <u>Ansdell, K.,</u> Creighton, S., Witt, G., and Jiricka, D., 2013. Investigation of large aluminum phosphate-sulphate minerals from the Centennial unconformity-related uranium deposit, south-central Athabasca Basin, Saskatchewan. PDAC Student Colloquium, Toronto, March 2013 (poster)
- **Brewster, Z.,** <u>Ansdell, K.</u>, and Curry, G., 2012. The nature and origin of the "meta-arkose" and associated alteration below the uranium deposit at Cigar Lake Project. Saskatchewan Geological Survey Open House, Saskatoon, Dec 3rd to 5th, 2012 (poster)
- Elliott, R., <u>Ansdell, K.M</u>., Harper, C., **Pandur, K**., and Pearson, J., 2012. Petrographic and field relationships of lamprophyre dykes in the Hoidas Lake area, Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, Dec 3rd to 5th, 2012 (poster)

- MacKay, C., and <u>Ansdell, K.M</u>., 2012. Geological relationships in the Qaqqanittuaq area, southern Hall Peninsula, Baffin Island, Nunavut. Saskatchewan Geological Survey Open House, Saskatoon, Dec 3rd to 5th, 2012 (poster)
- Pandur, K., <u>Ansdell, K.M.</u>, Creighton, S., Harper, C., and Pearson, J., 2012. Primary magmatic-pegmatitic and secondary hydrothermal allanite in the Hoidas Lake REE deposit, Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, Dec 3rd to 5th, 2012 (poster)
- Pascal, M., <u>Ansdell, K.</u>, Annesley, I., Jiricka, D., Witt, G, Brown, A., and Kotzer, T., 2012. Petrography and geochemistry of graphitic pelitic rocks in the Dufferin Lake Zone, south central Athabasca Basin, Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, Dec 3rd to 5th, 2012 (poster)
- <u>Ansdell, K.M.</u>, 2011, Mineral exploration learning experience at the University of Saskatchewan: Why, how, and outcomes, Saskatchewan Geological Survey Open House, Saskatoon, Nov 28th to 30th, 2011 (poster)
- Eglington, B., Pehrsson, S., <u>Ansdell, K.M.</u>, Lescuyer, J-L., Quirt, D., Milesi, J-P., and Brown, P., 2011, Time-space plot: Paleoproterozoic of North America, Saskatchewan Geological Survey Open House, Saskatoon, Nov 28th to 30th, 2011 (poster)
- Hunchak, A., <u>Ansdell, K.M.</u>, and Pell, J., 2011, Precambrian basement rocks in the vicinity of the Chidliak limberlites, Hall Peninsula, Baffin Island: Preliminary field observations. Saskatchewan Geological Survey Open House, Saskatoon, Nov 28th to 30th, 2011 (poster)
- Millar, R., Annesley, I.R., <u>Ansdell, K.M.</u>, Rudnick, R.L., and Liu, X., 2011, Preliminary Li isotopic data from the basement lithologies of the eastern Athabasca Basin; What are they telling us? Saskatchewan Geological Survey Open House, Saskatoon, Nov 28th to 30th, 2011 (poster)
- Keim, R., <u>Ansdell, K.M.</u>, Sanborn-Barrie, M., and Young, M., 2011, The chemical metasedimentary rocks of Cumberland Peninsula, Baffin Island: Chert and Sulfides and Iron Formation. Saskatchewan Geological Survey Open House, Saskatoon, Nov 28th to 30th, 2011 (poster)
- **Reid, K.,** <u>Ansdell, K.M.</u>, Creighton, S., Witt, G., and Jiricka, D., 2011. Investigation of large aluminium phosphate-sulfate minerals from the Centennial unconformity-related uranium deposit, south-central Athabasca Basin, Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, Nov 28th to 30th, 2011 (poster)
- <u>Ansdell, K.M.</u>, 2011, Mineral Exploration Game at the University of Saskatchewan: Learning teamwork, techniques, and presentation skills by targeting unstaked ground. Prospectors and Developers Association of Canada Annual Convention, Toronto, March 7th to 9th, 2011 (poster)
- Reid, K., <u>Ansdell, K.M.</u>, Jiricka, D., and Witt, G., 2011, Unconformity-related uranium deposits of he Athabasca Basin, Saskatchewan. Canada: A review of research methods, models and the applicability to the Centennial Deposit.
 Western Inter-University Geoscience Conference, Brandon, January 7th to 9th (oral)
- Austman, C., Annesley, I.R., and <u>Ansdell, K.M.</u>, 2010, Fraser Lakes Zone B mineralized granitic pegmatites and their politic hosts: Mineral chemistry, stoichiometry, and geothermobarometry. Saskatchewan Geological Survey Open House, Saskatoon, Nov 29th to December 1, 2010 (poster)
- Keim, R., <u>Ansdell, K.</u>, Sanborn-Barrie, M., and Young, M., 2010, Totnes Road komatiites, Baffin Island: Their source, setting, and unusual geochemical characteristics. Saskatchewan Geological Survey Open House, Saskatoon, Nov 29th to Dec.1, 2010 (poster)

Millar, R., Annesley, I.R., and Ansdell, K.M., 2010, Preliminary geochemistry and analytical protocols for

assessing the application of Li and B isotopes in the basement lithologies of the eastern Athabasca Basin. Saskatchewan Geological Survey Open House, Saskatoon, , Nov 29th to Dec.1, 2010 (poster)

- Reid, K., <u>Ansdell, K.M.</u>, Witt, G., Jiricka, D., and Card, C., 2010, Alteration mineralogy and geochemistry of the Centennial unconformity-related uranium deposit, Athabasca Basin, Saskatchewan. Saskatchewan Geological Survey Open House, Saskatoon, , Nov 29th to Dec.1, 2010 (poster)
- Austman, C., <u>Ansdell, K.M.</u>, and Annesley, I.R., 2010. Pegmatite- and leucogranite-hosted uranium and thorium mineralization in northern Saskatchewan: Fraser Lakes Zones A and B. Western Interuniversity Geosciences Conference, Saskatoon, January 8-10, 2010 (talk)
- Austman, C., <u>Ansdell, K.M.</u>, and Annesley, I.R., 2009. The Fraser Lakes uranium deposits: Field relationships, petrography, and geochemistry of uraniferous pegmatites and associated alteration. Saskatchewan Geological Survey Open House, Saskatoon, December 1-2, 2009 (poster)
- Keim, R., <u>Ansdell, K.</u>, Sanborn-Barrie, M., and Young, M., 2009, Field observations and stratigraphic column for Totnes Road volcanic, Cumberland Peninsula, Baffin Island: Where do they belong? Saskatchewan Geological Survey Open House, Saskatoon, December 1-2, 2009 (poster) Western Interuniversity Geosciences Conference, Saskatoon, January 8-10, 2010 (poster)
- Larsen, A., <u>Ansdell, K.</u>, and Prokopiuk, T., 2009, The making of a Geologic Boulder Map of the University of Saskatchewan Campus. Saskatchewan Geological Survey Open House, Saskatoon, December 1-2, 2009 (poster). Western Interuniversity Geosciences Conference, Saskatoon, January 8-10, 2010 (best undergraduate poster)
- Millar, R., Annesley, I.R., and <u>Ansdell, K.M.</u>, 2009, Overview of B, Li and Th-Pb isotopes: Is there potential of using them in the Athabasca Basin? Saskatchewan Geological Survey Open House, Saskatoon, December 1-2, 2009 (poster)
- **Reid, K.,** <u>Ansdell, K.M.</u>, Witt, G., Jiricka, D., and Card, C., 2009. The Centennial unconformity-related uranium deposit, Athabasca Basin, Saskatchewan: Observations on lithology, alteration, and geochemistry. Saskatchewan Geological Survey Open House, Saskatoon, December 1-2, 2009 (best graduate student poster)

Western Interuniversity Geosciences Conference, Saskatoon, January 8-10, 2010 (talk)

- <u>Ansdell, K.</u>, 2009, Everything you wanted to know about the Trans-Hudson Orogen, but were afraid to ask. Lecture associated with the Ore Gangue 75th Anniversary celebration, Saskatoon, March 20, 2009 (talk)
- Halpin, K., <u>Ansdell, K</u>., and Pearson, J. 2008, Evidence for a hydrothermal component to the rare earth element mineralization at Hoidas Lake, Rae Province, Northern Saskatchewan. Saskatchewan Industry and Resources Open House, Saskatoon, December 2-3, 2008 (poster)
- Halpin, K., <u>Ansdell, K.M.</u>, and Pearson, J. 2007, Vein Relationships and Mineral Compositions at the Hoidas Lake REE Deposit, Rae Province, Northern Saskatchewan. Saskatchewan Industry and Resources Open House, Saskatoon, Decmeber 4-5, 2007 (poster)
- <u>Ansdell, K.M.</u>, 2007, The Himalayas in Saskatchewan: Our province 1.8 billion years ago. Public lecture associated with the Burgess Shale exhibit, Diefenbaker Canada Centre, Saskatoon, April 15, 2007 (talk)
- Halpin, K., <u>Ansdell, K.M.</u>, and Pearson, J. 2006, An overview of the Hoidas Lake REE deposit and directions for future research. Saskatchewan Industry and Resources Open House, Saskatoon, November 27-29, 2006 (poster)

- **Ryan, S**, Harper, C., and <u>Ansdell, K.M.</u> 2006, Field and petrographic examination of a Wollaston sulphide deposit. Saskatchewan Industry and Resources Open House, Saskatoon, November 27-29, 2006 (poster)
- Ashrafpour, E., <u>Ansdell, K.M.</u>, and Alirezaei, S. 2005, Geology and metallogeny of Iran. Saskatchewan Industry and Resources Open House, Saskatoon, November 28-30, 2005 (poster)
- Knox, B., <u>Ansdell, K.M.</u>, and Jiricka, D. 2005, Preliminary petrographic analysis of Wide Lake basement lithologies. Saskatchewan Industry and Resources Open House, Saskatoon, November 28-30, 2005 (poster) and Western Interuniversity Geological Conference, January 2006 (poster – best undergraduate poster)
- Lewis, D., Ferreira, B., Henders, S., <u>Ansdell, K.M.</u> and Stauffer, M. 2005, Gold setting in San Gold Corporations San #3 Project, Bissett, Manitoba. Saskatchewan Industry and Resources Open House, Saskatoon, November 28-30, 2005 (poster – best undergraduate poster award)
- <u>Ansdell, K.M.</u> and 15 others, 2005, Correlation chart of the evolution of the Manitoba-Saskatchewan segment of the Paleoproterozoic Trans-Hudson Orogen, Western Churchill Metallogeny Project, Ottawa, April 2005 (poster)
- <u>Ansdell, K.M.</u> and 15 others, 2004, Correlation chart of the evolution of the Manitoba-Saskatchewan segment of the Paleoproterozoic Trans-Hudson Orogen, Western Churchill Metallogeny Project, Ottawa, April 2004 (poster)
- Hollands, B, <u>Ansdell, K.M.</u> and Yang, H., 2003, Petrographic study of the West Porky Zone, Seabee Gold deposit, Saskatchewan. Saskatchewan Energy and Mines Open House, Saskatoon, Dec 2003 (poster), and Western Inter-University Geological Conference, Vancouver, Jan 2004 (poster)
- Eglington, B. and Ansdell K., 2003. Development of a geochronological and isotopic database for the Trans-Hudson Orogen using DateView. Saskatchewan Energy and Mines Open House, Saskatoon, Dec 2003 (poster)
- Bray, D, <u>Ansdell, K.M.</u> and Sheppard, S., 2002, Orbicle-bearing Scrubber Granites of the Paleoproterozoic Capricorn Orogen in Western Australia. Saskatchewan Energy and Mines Open House, Saskatoon, Dec 2002 (poster)
- Krauss, J., Pan, Y., and <u>Ansdell, K.M.</u> 2002, New investigations in the Pelican Window, northern Saskatchewan: Petrography, metamorphism, and preliminary interpretations. Saskatchewan Energy and Mines Open House, Saskatoon, Dec 2002 (poster)
- Hunter, R., Maxeiner, R. and <u>Ansdell, K.M.</u> 2002/3, Geological setting of the Campbell River Group, Peter Lake domain
 Saskatchewan Energy and Mines Open House, Saskatoon, Dec 2002 (poster)
 Western Inter-University Geological Conference, Regina, Jan 2003 (poster - best student poster award)
- Leatherdale, S., Maxeiner, R. and <u>Ansdell, K.M.</u> 2002/3, Geology of the Love Lake leucogabbro in the Archean Peter Lake Complex, Southwestern Peter Lake Domain, Saskatchewan Saskatchewan Energy and Mines Open House, Saskatoon, Dec 2002 (poster) Western Inter-University Geological Conference, Regina, Jan 2003 (talk)
- Johns, S.M., <u>Ansdell, K.M.</u> Corrigan, D., St-Onge, M., and Scott, D. J., 2001/2, Preliminary investigations into the provenance and tectonic evolution of the Piling Group metasedimentary rocks, Baffin Island, Nunavut. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 2001 (poster) Western Inter-University Geological Conference, Edmonton, Jan 2002 (talk)

- Tran, H., Lewry, J., Bethune, K., <u>Ansdell, K.M.</u>, Ashton, K.E., Yeo, G. and Hamilton, M. 2000. The Wollaston metasedimentary Group in northern Saskatchewan: A record of passive margin to foreland evolution along an ancient continental margin. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 29 (talk).
- Morelli, R., Ashton, K., and <u>Ansdell, K.M.</u>, 2000, Petrography and geochemistry of the Martin Group metavolcanic rocks, Rae Province, northern Saskatchewan. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 27-29 (poster).
- Gammell R., <u>Ansdell, K</u>, and Richardson, L., 2000, Preliminary petrographic analysis of breccias at McArthur River, Athabasca Basin, Saskatchewan. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 27-29 (poster).
- Bartsch, C., <u>Ansdell, K.M.</u>, and Basnett, R., 2000, Alteration associated with a shear zone, Seabee gold mine, Saskatchewan. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 27-29 (poster).
- <u>Ansdell, K.M.</u>, and Hollings, P. 1999. Geochemistry of granitoids in the Kisseynew Domain: Implications for origin and tectonic setting. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 29-Dec 1 (poster).
- Tran, H., Bethune, K., <u>Ansdell, K.M.</u>, Yeo, G., and Ashton, K. 1999. Deformation style in the Cree Lake Zone: A regional perspective. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 29-Dec 1 (talk).
- Williamson, A., Ansdell, K. and Maxeiner, R. 1999. Pelites of Reindeer Lake: The metamorphic history of the Milton Island metasedimentary assemblage. Saskatchewan Energy and Mines Open House, Saskatoon, Nov 29-Dec 1 (poster).
- <u>Ansdell, K.M.</u>, D. Corrigan, R. Maxeiner and R. Stern, 1999. SHRIMP geochronology in the Trans-Hudson Orogen: Implications for sedimentation and metamorphism along the northwestern margin. Eighth Lithoprobe Trans-Hudson Orogen Transect Workshop, Saskatoon, Feb. 25 (talk)
- Coolican, C, <u>K. Ansdell</u>, R. Kerrich, M. Stauffer and J. Lewry, 1999. Origin and evolution of the Rottenstone Domain: Implications for the development of the Trans-Hudson Orogen. Eighth Lithoprobe Trans-Hudson Orogen Transect Workshop, Saskatoon, Feb. 25-26 (poster)
- Hollings, P. and <u>K. Ansdell</u>, 1999. Preliminary geochemical results from the Kisseynew Domain granitoids. Eighth Lithoprobe Trans-Hudson Orogen Transect Workshop, Saskatoon, Feb. 25-26 (poster)
- Wright, D., <u>K. Ansdell</u> and D. Corrigan, 1998. Metavolcanic rocks from the Reindeer Lake area, and their relation to the Central Metavolcanic Belt, La Ronge Domain, Trans-Hudson Orogen. Eighth Lithoprobe Trans-Hudson Orogen Transect Workshop, Saskatoon, Feb. 25-26 (poster)
- Bradley, S., G. Yeo, H. Tran and <u>K. Ansdell</u>, 1998. The Suttle Lake Intrusive complex, Wollaston Domain, Saskatchewan. Saskatchewan Energy and Mines Open House, Saskatoon, Dec. 1-2 (poster).
- Savage, D., <u>K. Ansdell</u> and G. Delaney, 1998. Chemical sediments in the basal part of the Paleoproterozoic supracrustal succession, Sito Lake, Wollaston Domain: Nature, origin, and economic significance. Saskatchewan Energy and Mines Open House, Saskatoon, December 1-2 (poster).
- Tran, H., J. Lewry, G. Yeo and <u>K. Ansdell</u>, 1998. The nature of the Wollaston Group in the Daly-Suttle Lake area, Saskatchewan: A preliminary interpretation. Saskatchewan Energy and Mines Open House, Saskatoon, December 1-2 (poster).

- Wilson, A., <u>K. Ansdell</u>, J. Bergeron and M. Stauffer, 1998. Geochemistry and tectonic setting of the Jean Lake amphibolite, Uranium City, Saskatchewan. Saskatchewan Energy and Mines Open House, Saskatoon, December 1-2 (poster).
- Wright, D., <u>K. Ansdell</u> and D. Corrigan, 1998. Metavolcanic rocks from the Reindeer Lake area, and their relation to the Central Metavolcanic Belt, La Ronge Domain, Trans-Hudson Orogen. Saskatchewan Energy and Mines Open House, Saskatoon, December 1-2 (poster).
- Kontak, D.J., R.J. Horne and <u>K. Ansdell</u>, 1998. Results of mineral deposit studies at the granite-hosted Dunbrack (Zn-Pb-Cu-Ag) and Kinsac (Ba-F) localities, Central Meguma Terrane, Nova Scotia: Possible implications for Carboniferous Zn-Pb-Cu-Ag-Ba-F metallogeny in the Meguma Zone. Atlantic Geoscience Society. February 6-7
- Delaney, G., A. MacNeil, D. Tisdale, Z. Jankovic, J. McGowan and <u>K. Ansdell</u>, 1997. Geology and base metal mineralization, Courtenay Lake-Cairns Lake Fold belt, Wollaston Domain. Saskatchewan Energy and Mines Open House, Saskatoon, November 19-20 (poster).
- Lucas, S.B., R.A. Stern, E.C. Syme, H. Zwanzig, A.H. Bailes, K.E. Ashton, R.O. Maxeiner, <u>K.M. Ansdell</u>, J.F. Lewry, J.J. Ryan and J. Kraus, 1997. Tectonics of the southeastern Reindeer Zone, Trans-Hudson Orogen (Manitoba and Saskatchewan). Saskatchewan Energy and Mines Open House, Saskatoon, November 19-20 (poster)
- Yang, H., <u>K. Ansdell</u> and T.K. Kyser, 1997. Geochemistry of sedimentary rocks and ⁴⁰Ar/³⁹Ar geochronology of the La Ronge Domain. Saskatchewan Energy and Mines Open House, Saskatoon, November 19-20 (poster)
- Yang, H., <u>K.M. Ansdell</u> and T.K. Kyser, 1996. Metamorphism in the MacLean Lake gneisses and Central Metavolcanic Belt, Sixth Lithoprobe Trans-Hudson Orogen Transect Workshop (poster), April 1-2, Saskatoon, Saskatchewan.
- <u>Ansdell, K.M.</u>, J. Fedorowich, D. O'Hanley, K. Kyser, M. Stauffer and R. Kerrich, 1993. Origin and evolution of fluids in major structures in the Flin Flon Domain and relevance to mineral exploration. In: New Perspectives on the Flin Flon-Snow Lake-Hanson Lake Belt from the NATMAP Shield Margin Project. Special meeting of the Flin Flon-Creighton CIM Branch, June 4-6, 1993.