

List of Publications and Maps

2008 YGS PUBLICATIONS

YGS released 29 new publications in 2008: two annual reports, two Geoscience Maps, 21 Open Files and four MPERG reports.

YGS ANNUAL REPORTS

Burke, M., Traynor, S., Lewis, L., LeBarge, W., Abbott, G., Colpron, M. and St. Amand, J., 2008. Yukon Mining, Development and Exploration Overview 2007, 40 p.

Deklerk, R. and Burke, M. (compilers), 2008. Yukon Mineral Property Update 2008, 94 p.

Emond, D.S., Blackburn, L.R., Hill, R.P. and Weston, L.H. (eds.), 2008. Yukon Exploration and Geology 2007, 272 p.

Traynor, S. (compiler), 2008. Yukon Mineral Deposits Summary 2008, 14 p.

YGS OPEN FILES

Allen, T.L., Fraser, T.A. and Osadetz, K.G., 2008. Rock-Eval/TOC data for 18 wells, Peel Plateau and Plain, Yukon Territory (65°50' to 67°00' N; 133°45' to 135°15' W). Yukon Geological Survey Open File 2008-1, 14 p., plus spreadsheets.

Friske, P.W.B., Hornbrook, E.H.W., McCurdy, M.W., Day, S.J.A. and McNeil, R.J., 2008. Regional Stream Sediment and Water Geochemical Data, Finlayson Lake area, southeastern Yukon, (NTS 105G). Yukon Geological Survey Open File 2008-3; Geological Survey of Canada Open File 5696, 1 CD-ROM.

Friske, P.W.B., Hornbrook, E.H.W., McCurdy, M.W., Day, S.J.A., McNeil, R.J., Lynch, J.J., Durham, C.C., Gross, H. and Galletta, A.C., 2008. Regional Stream Sediment and Water Geochemical Data, Sheldon Lake area, east-central Yukon (NTS 105J). Yukon Geological Survey Open File 2008-4; Geological Survey of Canada Open File 5694, 1 CD-ROM.

Friske, P.W.B., McCurdy, M.W., Day, S.J.A., McNeil, R.J. and Grenier, A.G., 2008. Regional Stream Sediment and Water Geochemical Data, Nahoni Range area, west-central Yukon (parts of NTS 116F, G and K). Yukon Geological Survey Open File 2008-2; Geological Survey of Canada Open File 5695, 1 CD-ROM.

Israel, S. and Cobbett, R., 2008. Bedrock geology of the Silver Creek area, Yukon (NTS 115A/3 and parts of 115A/6) (1:50 000 scale), Yukon Geological Survey, Open File 2008-21.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106 B (NW quadrant), Yukon. Yukon Geological Survey Open File 2008-5; Geological Survey of Canada Open File 5411; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106B (south half), Yukon. Yukon Geological Survey Open File 2008-6; Geological Survey of Canada Open File 5412; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106C (north half), Yukon. Yukon Geological Survey Open File 2008-7; Geological Survey of Canada Open File 5413; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106C (south half), Yukon. Yukon Geological Survey Open File 2008-8; Geological Survey of Canada Open File 5414; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106D (north half), Yukon. Yukon Geological Survey Open File 2008-9; Geological Survey of Canada Open File 5415; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106E (south half), Yukon. Yukon Geological Survey Open File 2008-10; Geological Survey of Canada Open File 5416; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. Total magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106F (south half), Yukon. Yukon Geological Survey Open File 2008-11; Geological Survey of Canada Open File 5417; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106B (NW quadrant), Yukon. Yukon Geological Survey Open File 2008-12; Geological Survey of Canada Open File 5418; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106B (south half), Yukon. Yukon Geological Survey Open File 2008-13; Geological Survey of Canada Open File 5419; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106 C (north half), Yukon. Yukon Geological Survey Open File 2008-14; Geological Survey of Canada Open File 5420; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106 C (south half), Yukon. Yukon Geological Survey Open File 2008-15; Geological Survey of Canada Open File 5421; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106 D (north half), Yukon. Yukon Geological Survey Open File 2008-16; Geological Survey of Canada Open File 5422; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106 E (south half), Yukon. Yukon Geological Survey Open File 2008-17; Geological Survey of Canada Open File 5423; scale 1:100 000.

Kiss, F. and Coyle, M., 2008. First vertical derivative of the magnetic field, Wernecke Mountains Aeromagnetic Survey, NTS 106 F (south half), Yukon. Yukon Geological Survey Open File 2008-18; Geological Survey of Canada Open File 5424; scale 1:100 000.

Turner, D.G., Ward, B.C. and **Bond, J.D.**, 2008. Surficial Geology of the Howard's Pass area (NTS 105I/12 and parts of 105I/11, 6 and 5 and 105J/9 and 8), Yukon and Northwest Territories (1:50 000). Yukon Geological Survey, Open File 2008-19.

Turner, D.G., Ward, B.C. and **Bond, J.D.**, 2008. Surficial Geology of the Howard's Pass area (NTS 105I/11 and parts of 105I/10, 6 and 7), Yukon and Northwest Territories (1:50 000). Yukon Geological Survey, Open File 2008-20.

YUKON MINING PETROLEUM ENVIRONMENT RESEARCH GROUP PUBLICATIONS

EDI Environmental Dynamics Inc., 2008. Flying in Caribou Country: How to minimize disturbance from aircraft. MPERG Report 2008-1.

EDI Environmental Dynamics Inc., 2008. Guidelines for Industrial Activity in Bear Country. MPERG Report 2008-2.

EDI Environmental Dynamics Inc., 2008. Natural Sources of Contaminants in the Yukon. MPERG Report 2008-3.

Church, A., 2008. Interim Report on the Recent Deglaciation of the Wheaton River Watershed, YT. MPERG Report 2008-4.

YGS CONTRIBUTIONS TO OUTSIDE PUBLICATIONS

Barkov, A.Y., Martin, R.F., **LeBarge, W.** and Fedortchouk, Y., 2008. Grains of Pt-Fe Alloy and Inclusions in a Pt-Fe Alloy from Florence Creek, Yukon, Canada: Evidence for Mobility of Os in a Na-H₂O-Cl-Rich Fluid. *The Canadian Mineralogist*, vol. 46, no. 2, p. 343-360, DOI: 10.3749/canmin.46.2.343.

Barkov, A.Y., Martin, R.F., Shi, L., **LeBarge, W.** and Fedortchouk, Y., 2008. Oscillatory zoning in stanniferous hematite and associated W- and Bi-rich minerals from Canadian Creek, Yukon, Canada. *The Canadian Mineralogist*, vol. 46, no. 1, p. 59-72, DOI: 10.3749/canmin.46.1.59.

Bradshaw, G.D., Rowins, S.M., Peter, J.M. and Taylor, B.E., 2008. Genesis of the Wolverine Volcanic Sediment-Hosted Massive Sulphide Deposit, Finlayson Lake District, Yukon, Canada: Mineralogical, Mineral Chemical, Fluid Inclusion, and Sulphur Isotope Evidence. *Economic Geology*, vol. 103, no. 1, p. 35-60, DOI: 10.2113/gsecongeo.103.1.35.

Fedortchouk, Y. and **LeBarge, W.**, 2008. Sources of placer platinum in Yukon: provenance study from detrital minerals. *Canadian Journal of Earth Sciences*, vol. 45, no. 8, p. 879-896.

- Lipovsky, P.S.**, Evans, S.G., Clague, J.J., Hopkinson, C., Couture, R., Bobrowsky, P., Ekström, G., Demuth, M.N., Delaney, K.B., Roberts, N.J., Clarke, G. and Schaeffer, A., 2008. The July 2007 rock and ice avalanches at Mount Steele, St. Elias Mountains, Yukon, Canada. *Landslides*, Journal of the International Consortium on Landslides, published online 17 July, 2008, Online First, DOI: 10.1007/s10346-008-0133-4.
- Lipovsky, P.S.**, Evans, S.G., Clague, J.J., Hopkinson, C., Couture, R., Bobrowsky, P., Ekström, G., Demuth, M.N., Delaney, K.B., Roberts, N.J., Clarke, G. and Schaeffer, A., 2008. Reconnaissance observations of the July 24, 2007 rock and ice avalanche at Mount Steele, St. Elias Mountains, Yukon, Canada. *In: Comptes rendus de la 4e Conférence canadienne sur les géorisques: des causes à la gestion*, J. Locat, D. Perret, D. Turmel, D. Demers et S. Leroueil, (eds.); Proceedings of the 4th Canadian Conference on Geohazards: From Causes to Management, Presse de l'Université Laval, Québec, p. 323-330.
- Lipovsky, P.S.**, Evans, S.G., Clague, J.J., Hopkinson, C., Couture, R., Bobrowsky, P., Ekström, G., Demuth, M.N., Delaney, K.B., Roberts, N.J., Clarke, G. and Schaeffer, A., 2008. The July 2007 rock and ice avalanches at Mount Steele, St. Elias Mountains, Yukon, Canada. *Landslides* 2008, vol. 5, no. 4, p. 445-455.
- Lowey, G.W.**, 2008. A petroleum events chart for the Whitehorse Trough, Yukon. Reservoir, Canadian Society of Petroleum Geologists, vol. 35, issue 11, p. 32-35.
- Piercey, S.J., Peter, J.M., Mortensen, J.K., Paradis, S., **Murphy, D.C.** and Tucker, T.L., 2008. Petrology and U-Pb Geochronology of Footwall Porphyritic Rhyolites from the Wolverine Volcanogenic Massive Sulphide Deposit, Yukon, Canada: Implications for the Genesis of Massive Sulphide Deposits in Continental Margin Environments. *Economic Geology*, vol. 103, no. 1, p. 5-33, DOI: 10.2113/gsecongeo.103.1.5.
- Ward, B.C., **Bond, J.D.**, Froese, D. and Jensen, B., 2008. Old Crow tephra, (140 ± 10 ka) constrains penultimate Reid glaciation in central Yukon Territory. *Quaternary Science Reviews*, vol. 27, issues 19-20, p. 1909-1915, DOI: 10.1016/j.quascirev.2008.07.012.
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- Allen, T.L.** and **Fraser, T.A.**, 2008. Sedimentology of the Turbidite-Dominated Upper Paleozoic Tuttle Formation, Peel Plateau, Yukon, Canada. 2008 American Association of Petroleum Geologists (AAPG) Annual Convention and Exhibition, April 20-23, 2008, San Antonio, Texas.
- Allen, T.L.** and **Fraser, T.A.**, 2008. Upper Devonian to Lower Carboniferous Tuttle Formation, northeastern Yukon: Potential source, reservoir and trap. 2008 Yellowknife Geoscience Forum, November 18-20, 2008, Yellowknife, Northwest Territories.
- Allen, T.L.**, **Fraser, T.A.** and Osadetz, K., 2008. New evidence for oil source rocks in the Peel region, Yukon Territory. 2008 CSPG CSEG CWLS Convention, May 12-15, 2008, Calgary, Alberta, p. 661.
- Colpron, M.**, 2008. Geology of the northern Whitehorse trough, Yukon. Cordilleran Tectonics Workshop, February 22-24, 2008, University of British Columbia, Vancouver, British Columbia, p. 13.
- Colpron, M.**, 2008. The Northwest Passage: incursion of Baltican and Siberian crustal fragments into eastern Panthalassa, and mid-Paleozoic to early Mesozoic evolution of the Cordilleran margin. *Geological Association of Canada, Québec 2008, Abstracts*, vol. 33, p. 36.
- Colpron, M.** and Nelson, J.L., 2008. Cordilleran terranes: Evolution of concepts and framework for metallogeny. Mineral Exploration Roundup, January 28-31, 2008, Vancouver, British Columbia.
- Colpron, M.** and Nelson, J.L., 2008. The Northwest Passage: incursion of Baltican and Siberian crustal fragments into eastern Panthalassa, and the mid-Paleozoic to early Mesozoic evolution of the Cordilleran margin of western North America. Cordilleran Tectonics Workshop, February 22-24, 2008, University of British Columbia, Vancouver, British Columbia, p. 14.
- Colpron, M.** and Nelson, J.L., 2008. A Paleozoic northwest passage: on the Arctic origins of some Cordilleran terranes and the pre-Mesozoic evolution of the western margin of Laurentia. 33rd International Geological Congress, August 6-14, 2008, Oslo, Norway.

- Fraser, T.A. and Allen, T.L.**, 2008. Hydrocarbon Exploration in Northern Canada: Upper Paleozoic and Cretaceous Investigations in the Peel Region, Yukon Territory. 2008 American Association of Petroleum Geologists (AAPG) Annual Convention and Exhibition, April 20-23, 2008, San Antonio, Texas.
- Fraser, T.A. and Allen, T.L.**, 2008. Hydrocarbon Exploration in Northern Canada: Upper Paleozoic and Cretaceous Investigations in the Peel Region, Yukon Territory. 2008 CSPG CSEG CWLS Convention, May 12-15, 2008, Calgary, Alberta, p. 662.
- James, M., Lewkowicz, A.G., Smith, S.L. and **Lipovsky, P.**, 2008. Historic change in permafrost distribution in northern British Columbia and southern Yukon. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 115-116.
- Lipovsky, P.S.**, Hopkinson, C., Demuth, M.N., Evans, S.G. and Clague, J.J., 2008. The use of Lidar for characterising the July 2007 rock and ice avalanches at Mount Steele, St. Elias Mountains, Yukon, Canada. 10th International Circumpolar Remote Sensing Symposium and 29th Canadian Symposium on Remote Sensing. Whitehorse, Yukon, June 2-5, 2008 (presentation abstract).
- Lipovsky, P.**, Huscroft, C., Lewkowicz, A.G. and Etzelmüller, B., 2008. The role of permafrost in the 2002 Ten Mile Creek debris torrent, Yukon, Canada. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 189-190.
- Lowey, G.W.**, 2008. Coalbed methane potential of the Bonnet Plume Formation (Cretaceous-Tertiary), Yukon, Canada. 2008 American Association of Petroleum Geologists (AAPG) Annual Convention and Exhibition, April 20-23, San Antonio, Texas, Abstracts Volume, p. 125.
- Lowey, G.W.**, 2008. Hydrocarbon potential of the Bonnet Plume Basin: A frontier basin in Yukon, Canada. 2008 American Association of Petroleum Geologists (AAPG) Annual Convention and Exhibition, April 20-23, San Antonio, Texas, Abstracts Volume, p. 125.
- Lowey, G.W.**, 2008. Hydrocarbon potential of the Bonnet Plume Basin: A frontier basin in Yukon, Canada. 2008 CSPG, CSEG CWLS Convention, May 12-15, Calgary, Alberta, p. 655.
- Lowey, G.W.**, 2008. Summary of the stratigraphy, sedimentology and hydrocarbon potential of the Laberge Group (Lower-Middle Jurassic), Whitehorse trough, Yukon. 2008 CSPG, CSEG CWLS Convention, May 12-15, Calgary, Alberta, p. 687.
- Page, A., Lewkowicz, A.G., **Lipovsky, P.** and **Bond, J.**, 2008. Potential use of rock glaciers as mountain permafrost indicators in Yukon Territory, Canada. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 243-244.
- Seitz, G.J., Haeussler, P.J., Crone, A.J., **Lipovsky, P.** and Schwartz, D.P., 2008. Eastern Denali Fault Slip Rate and Paleoseismic History, Kluane Lake Area, Yukon Territory, Canada. AGU Fall Meeting, San Francisco, California, December 15-19, 2008, poster T53B-1947.

YUKON GEOLOGICAL PAPERS OF INTEREST

- Bonnaventure, P.P. and Lewkowicz, A.G., 2008. Mountain permafrost probability mapping using the BTS method in two climatically dissimilar locations, northwest Canada. *Canadian Journal of Earth Sciences*, vol. 45, no. 4, p. 443-455.
- Brabets, T.P. and Schuster, P.F., 2008. Transport of water, carbon, and sediment through the Yukon River basin. U.S. Geological Survey Fact Sheet, FS 2008-3005, 4 p.
- Brahney, J., Clague, J.J., Menounos, B. and Edwards, T.W.D., 2008. Geochemical reconstruction of Late Holocene drainage and mixing in Kluane Lake, Yukon Territory. *Journal of Paleolimnology*, vol. 40, no. 1, p. 489-505.
- Bunbury, J. and Gajewski, K., 2008. Does a one point sample adequately characterize the lake environment for the paleoenvironmental calibration studies? *Journal of Paleolimnology*, vol. 39, no. 4, p. 511-531.
- Carey, S.K. and DeBeer, C.M., 2008. Rainfall-runoff hydrography characteristics in a discontinuous permafrost watershed and their relation to ground thaw. *In: Ninth International Conference on Permafrost, Proceedings*, D.L. Kane and K.M. Hinkel (eds.), vol. 1, p. 233-238.
- Couture, N.J., Hoque, M.A. and Pollard, W.H., 2008. Modelling the erosion of ice-rich deposits along the Yukon coastal plain. *In: Ninth International Conference on Permafrost, Proceedings*, D.L. Kane and K.M. Hinkel (eds.), vol. 1, p. 303-308.

- Craddock, J.P., Kennedy, B.C., Cook, A.L., Pawlisch, M.S., Johnston, S.T. and Jackson, M., 2008. Anisotropy of magnetic susceptibility studies in Tertiary ridge-parallel dykes (Iceland), Tertiary margin-normal Aishihik dykes (Yukon), and Proterozoic Kenora-Kabetogama composite dykes (Minnesota and Ontario). *Tectonophysics*, vol. 448, no. 1-4, p. 115-124.
- Daley, A.C., 2008. Statistical analysis of mixed-motive shell borings in Ordovician, Silurian, and Devonian brachiopods from northern and eastern Canada. *Canadian Journal of Earth Sciences*, vol. 45, no. 2, p. 213-229.
- Fryda, J., Blodgett, R.B., Lenz, A.C. and Manda, S., 2008. New Porcellioidean Gastropods from Early Devonian of Royal Creek Area, Yukon Territory, Canada, with Notes on Their Early Phylogeny. *Journal of Paleontology*, vol. 82, no. 3, p. 595-603, DOI: 10.1666/07-024.1.
- Ghent, E.D., Edwards, B.R., Russell, J.K. and Mortensen, J.K., 2008. Granulite facies xenoliths from Prindle Volcano, Alaska; implications for the northern Cordilleran crustal lithosphere. *Lithos*, vol. 101, no. 3-4, p. 344-358.
- Janowicz, J.R., 2008. Recent changes in hydrologic response observed in permafrost regions of northwest Canada. *In: Ninth International Conference on Permafrost, Proceedings*, D.L. Kane and K.M. Hinkel (eds.), vol. 1, p. 827-831.
- Kroeger, K.F., Ondrak, R., di Primio, R. and Horsfield, B., 2008. A three-dimensional insight into the Mackenzie Basin (Canada): Implications for the thermal history and hydrocarbon generation potential of Tertiary deltaic sequences. *American Association of Petroleum Geologists (AAPG) Bulletin*, vol. 92, no. 2, p. 225-247, DOI: 10.1306/10110707027.
- Lamontagne, M., Halchuk, S., Cassidy, J.F. and Rogers, G.C., 2008. Significant Canadian Earthquakes of the Period 1600-2006. *Seismological Research Letters*, vol. 79, no. 2, p. 211-223, DOI: 10.1785/gssrl.79.2.211.
- Layton-Matthews, D., Peter, J.M., Scott, S.D. and Leybourne, M.I., 2008. Distribution, Mineralogy, and Geochemistry of Selenium in Felsic Volcanic-Hosted Massive Sulphide Deposits of the Finlayson Lake District, Yukon Territory, Canada. *Economic Geology*, vol. 103, no. 1, p. 61-88, DOI: 10.2113/gsecongeo.103.1.61.
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- Morris, J.A. and Creaser, R.A., 2008. Correlation of Mid-Cretaceous granites with source terranes in the northern Canadian Cordillera. *Canadian Journal of Earth Sciences*, vol. 45, no. 3, p. 389-403.
- Pascale, G.P. and Pollard, W.H., 2008. Geophysical mapping of ground ice in the western Canadian Arctic. *In: Ninth International Conference on Permafrost, Proceedings*, D.L. Kane and K.M. Hinkel (eds.), vol. 1, p. 337-342.
- Piercey, S.J., Peter, J.M. and Mortensen, J.K., 2008. A Special Issue Devoted to Continental Margin Massive Sulphide Deposits and Their Geodynamic Environments. *Economic Geology*, vol. 103, no. 1, p. 1-4, DOI: 10.2113/gsecongeo.103.1.1.
- Quinton, W.L., Hayashi, M. and Carey, S.K., 2008. Peat hydraulic conductivity in cold regions and its relation to pore size geometry. *Hydrological Processes*, vol. 22, no. 15, p. 2829-2837.
- Ross, D.J.K. and Bustin, R.M., 2008. Characterizing the shale gas resource potential of Devonian-Mississippian strata in the Western Canada sedimentary Basin: Application of integrated formation evaluation. *American Association of Petroleum Geologists (AAPG) Bulletin*, vol. 92, no. 1, p. 87-125, DOI: 10.1306/09040707048.
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- Sillitoe, R.H., 2008. Special Paper: Major Gold Deposits and Belts of the North and South American Cordillera: Distribution, Tectonomagmatic Settings, and Metallogenic Considerations. *Economic Geology*, vol. 103, p. 663-687.

Trop, J.M., 2008. Latest Cretaceous forearc basin development along accretionary convergent margin: South-central Alaska. *Geological Society of America (GSA) Bulletin*, vol. 120, no. 1-2, p. 207-224.

Yoshikawa, K., 2008. Stable isotope composition of ice in seasonally and perennially frozen mounds. *In: Ninth International Conference on Permafrost, Proceedings*, D.L. Kane and K.M. Hinkel (eds.), vol. 2, p. 1997-2002.

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Greene, A.R., 2008. Wrangellia flood basalts in Alaska, Yukon, and British Columbia: Exploring the growth and magmatic history of a Late Triassic oceanic plateau. Unpublished PhD thesis, University of British Columbia, Vancouver, British Columbia, 313 p.

Roy-Léveillé, P., 2008. Snow-pack development and ground-frost penetration in the Blackstone Uplands, Yukon Territory, Canada. Unpublished MSc thesis, Carleton University, Ottawa, Ontario.

YUKON GEOLOGICAL ABSTRACTS OF INTEREST

Bonnaventure, P.P. and Lewkowicz, A.G., 2008. Modelling potential climatic change impacts on mountain permafrost distribution, Wolf Creek, Yukon, Canada. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 31-32.

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Jackson, L.E., Huscroft, C.A., Ward, B.C. and Villeneuve, M., 2008. Age of Volcanism of the Wolverine Volcanic Center, West-Central Yukon Territory, Canada and its Implications for the History of Yukon River. AGU Fall Meeting, San Francisco, California, December 15-19, 2008, abstract V41D-2110.

Kremer, M., Lewkowicz, A.G., Sawada, M., Bonnaventure, P.P. and Ednie, M., 2008. Potential inclusion of vegetation indices in mountain permafrost modelling. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 149-150.

Myers-Smith, I.H. and Hik, D.S., 2008. The influence of shrubs on soil temperatures in alpine tundra. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 219-220.

Sanborn, P.T., 2008. Grassland soils in northwestern Canada: Chernozems (almost) north of 60° Program and Abstracts, Canadian Society of Soil Science, Annual Conference, University of Northern British Columbia, Prince George, British Columbia, July 6-10, 2008.

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Smith, C.A., 2008. Effect of soil forming processes on the distribution of soil organic carbon in a dissected, unglaciated landscape in west-central Yukon. Program and Abstracts, Canadian Society of Soil Science, Annual Conference, University of Northern British Columbia, Prince George, British Columbia, July 6-10, 2008.

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St-Jean, M., Clark, I.D., Lauriol, B. and Middlestead, P., 2008. Understanding the filling process in ice wedges using crystallography, isotopes, and molar gas ratios. *In: Ninth International Conference on Permafrost, Extended Abstracts*, D.L. Kane and K.M. Hinkel (eds.), Fairbanks, Alaska, June 29-July 3, 2008, p. 303-304.

GSC CONTRIBUTIONS TO YUKON GEOLOGY

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