

Regional- to property-scale till geochemical and mineralogical surveys in British Columbia for base and precious metals

Compiled by A.L. Bustard, T. Ferbey and H. Arnold

Till surveys

Property scale

◆ Property scale survey location: location coincides with mineral occurrence if present

Regional scale

■ <1,000 square km	■ Between 5,000 and 10,000 square km
■ between 1,000 and 1999 square km	■ > 10,000 square km
■ Between 2,000 and 4,999 square km	

This map indexes geographically referenced, regional- and property-scale till geochemical and mineralogical surveys that use subglacial tills to target base and precious metals in British Columbia. Regional-scale surveys are listed by NTS; property-scale reports by presumed deposit type. Also included are lists of topical studies relevant to drift prospecting in the province and elsewhere.

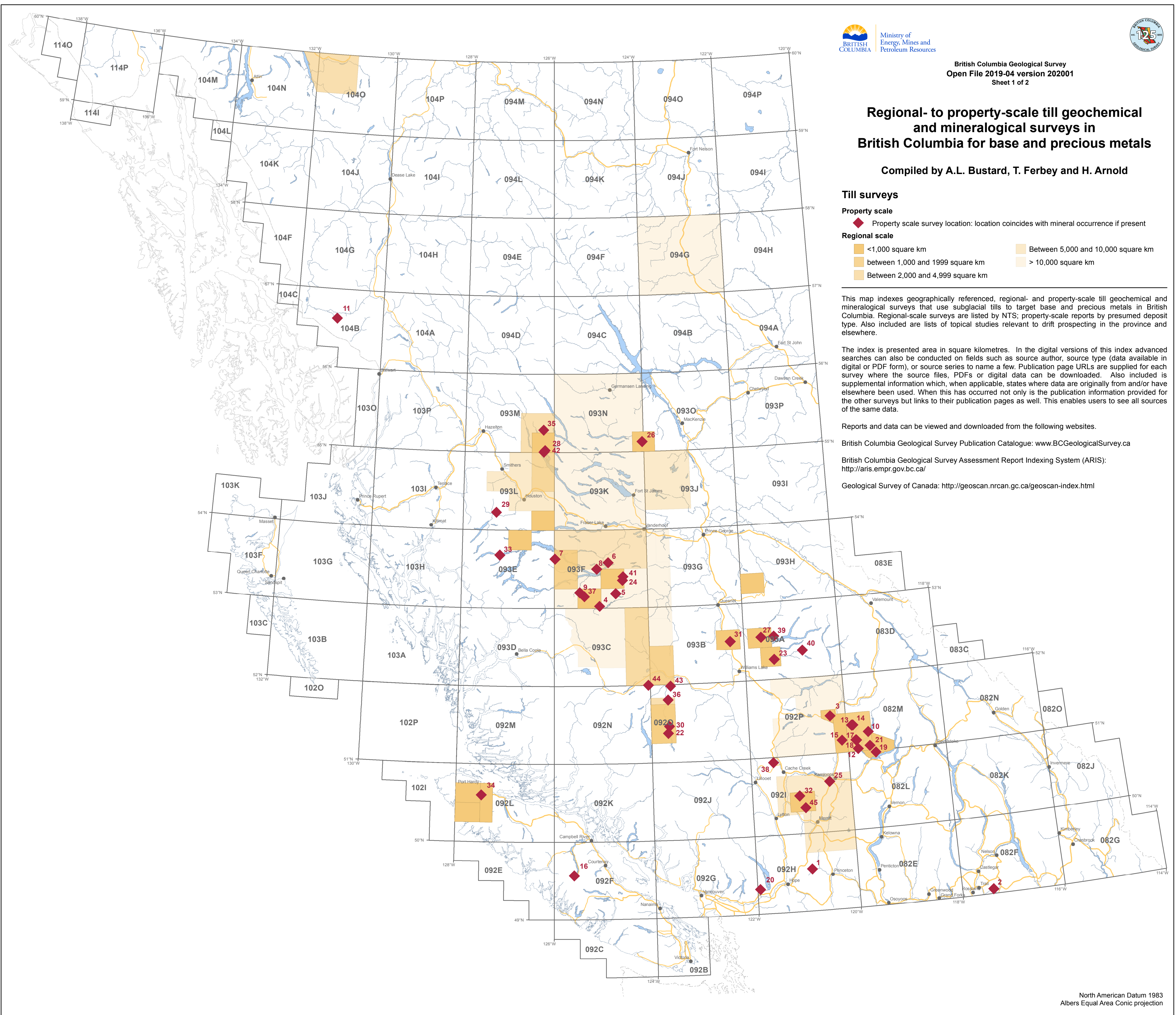
The index is presented area in square kilometres. In the digital versions of this index advanced searches can also be conducted on fields such as source author, source type (data available in digital or PDF form), or source series to name a few. Publication page URLs are supplied for each survey where the source files, PDFs or digital data can be downloaded. Also included is supplemental information which, when applicable, states where data are originally from and/or have elsewhere been used. When this has occurred not only is the publication information provided for the other surveys but links to their publication pages as well. This enables users to see all sources of the same data.

Reports and data can be viewed and downloaded from the following websites.

British Columbia Geological Survey Publication Catalogue: www.BCGeologicalSurvey.ca

British Columbia Geological Survey Assessment Report Indexing System (ARIS): <http://aris.empr.gov.bc.ca/>

Geological Survey of Canada: <http://geoscan.nrcan.gc.ca/geoscan-index.html>



REGIONAL-SCALE SUBGLACIAL TILL SURVEYS

NTS MAP SHEET 02E

Jackman, W., 2010. QUEST-South regional geochemical data, southern British Columbia. Geoscience BC, Report2010-013, 153 pages.

NTS MAP SHEET 82L

Jackman, W., 2010. QUEST-South regional geochemical data, southern British Columbia. Geoscience BC, Report2010-013, 153 pages.
Paulen, R.C. and Lett, R.E., 2005. Till geochemistry- a viable tool for polymetallic mineral exploration in British Columbia's southern interior (NTS 92L, 92P, 82L, 82M). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Geofile 2005-18, 19 pages.
Paulen, R.C. and Lett, R.E., 2005. Till geochemistry- a viable tool for polymetallic mineral exploration in British Columbia's southern interior (NTS 92L, 92P, 82L, 82M). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Geofile 2005-18, 19 pages.
Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackman, W., Bichler, A.J. and Wingerter, C., 2000. Till geochemistry of the Shuswap Highlands area, B.C. (parts of NTS 82M3, 82L13, and 92P9). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2000-18, 26 pages.

NTS MAP SHEET 82M

Bobrowsky, P.T., Leboe, E.R., Dixon-Warren, A. and Ledwon, A., 1997. Eagle Bay Project: till geochemistry of the Adams Plateau (central and northern British Columbia). In: Geological Fieldwork 1996, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 1997-01, pages 413-421.
Bobrowsky, P.T., Leboe, E.R., Dixon-Warren, A., Ledwon, A., MacDougall, D. and Sibbick, S.J., 1997. Till geochemistry of the Adams Plateau (northern British Columbia and southern British Columbia). British Columbia Geological Survey Open File 1997-09, 27 pages.
Paulen, R.C. and Lett, R.E., 2005. Till geochemistry- a viable tool for polymetallic mineral exploration in British Columbia's southern interior (NTS 92L, 92P, 82L, 82M). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Geofile 2005-18, 19 pages.
Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackman, W., Bichler, A.J. and Wingerter, C., 2000. Till geochemistry of the Shuswap Highlands area, B.C. (parts of NTS 82M3, 82L13, and 92P9). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2000-18, 26 pages.

NTS MAP SHEET 092H

Jackman, W., 2010. QUEST-South regional geochemical data, southern British Columbia. Geoscience BC, Report2010-013, 153 pages.
Jackman, W. and Reichheld, S.A., 2010. QUEST-South geochemical database upgrades: new survey and sample reanalysis data, southern British Columbia (NTS 082E, L, M, 092H, 1, J, O, P). In: Geoscience BC Summary of Activities 2009, Geoscience BC Report 2010-01, pages 5-10.

NTS MAP SHEET 092I

Ferby, T., Plouffe, A., and Bustard, A.L., 2016. Geochemical, mineralogical, and textural data from tills in the Highland Valley Copper Mine area, British Columbia. Geological Survey of Canada Open File 8119, 15p.
Jackman, W., 2010. QUEST-South regional geochemical data, southern British Columbia. Geoscience BC, Report2010-013, 153 pages.
Jackman, W. and Reichheld, S.A., 2010. QUEST-South geochemical database upgrades: new survey and sample reanalysis data, southern British Columbia (NTS 082E, L, M, 092H, 1, J, O, P). In: Geoscience BC Summary of Activities 2009, Geoscience BC, Report 2010-01, pages 5-10.
Plouffe, A. and Ferby, T., 2015. Till composition near Cu-porphry deposits in British Columbia: highlights for mineral exploration. In: TGI 4 - Intrusion Related Mineralisation Project: new vectors to buried porphyry-style mineralisation, Rogers, N. (Ed.), Geological Survey of Canada, Open File 7843, pages 15-37.
Plouffe, A. and Ferby, T., 2016. Till geochemistry, mineralogy and textural data near four Cu porphyry deposits in British Columbia. British Columbia Ministry of Energy and Mines, British Columbia Geological Survey Geofile 2016-10, Geological Survey of Canada, Open File 8038, 44 pages.

NTS MAP SHEET 092L

Bobrowsky, P.T. and Meldrum, D.G., 1994. Preliminary drift exploration studies, northern Vancouver Island. British Columbia Geological Survey Paper 1994-1, pages 87-99.
Bobrowsky, P.T., Best, M., Dunn, C.E., Huntley, D.H., Lowe, C., Roberts, M., Seemann, D.A. and Spence, J., 1995. Intrusion related till geochemistry and mineralogical data. In: Geological Fieldwork 1994, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 1995-1, pages 23-33.
Bobrowsky, P.T. and Sibbick, S.J., 1996. Till geochemistry of northern Vancouver Island area (NTS 92L5, 9W, 11W, 12). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1996-07, 201 pages.
Huntley, D.H. and Bobrowsky, P.T., 1995. Surficial geology and drift exploration: Mahatta Creek map area (92L5). In: Geoscience BC Summary of Activities 1995, Geoscience BC, Report 1995-1, pages 35-48.
Jackman, W., 2013. Northern Vancouver Island till sample reanalysis (ICP-MS). Geoscience BC, Report 2013-12, 8 pages.
Kerr, D.E., Sibbick, S.J. and Jackman, W., 1992. Till geochemistry of the Quatsino map area (92L1/2). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1992-21, 14 pages.

NTS MAP SHEET 092O

Plouffe, A. and Ballantyne, S.B., 1994. Regional till geochemistry, Mount Tatlow and Elkin Creek area, British Columbia (92O5 and O12). Geological Survey of Canada, Open File 2909, 62 pages.
Plouffe, A., 1997. Reconnaissance till geochemistry on the Chilcoot Plateau (92O5 and 12). In: Interior Plateau Geoscience Project: summary of geological, geochemical, and geophysical studies. Diakow, L.J., Newell, J.M. and Metcalfe, P. (Eds.), British Columbia Ministry of Employment and Investment, British Columbia Geological Survey Open File 1997-2, Geological Survey of Canada, Open File 3448, pages 147-157.

NTS MAP SHEET 092P

Bobrowsky, P.T., Paulen, R.C., Little, E., Preeble, A., Ledwon, A. and Lett, R.E., 1998. Till geochemistry of the Louis Creek-Chuha Chua lake areas (NTS 92P1E and 92P2E). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1998-06, 24 pages.
Paulen, R.C. and Lett, R.E., 2005. Till geochemistry- a viable tool for polymetallic mineral exploration in British Columbia's southern interior (NTS 92L, 92P, 82L, 82M). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Geofile 2005-18, 19 pages.
Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackman, W., Bichler, A.J. and Wingerter, C., 2000. Till geochemistry of the Chu Chu-Clearwater area, B.C. (parts of NTS 92P8 and 92P9). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2000-17, 25 pages.
Paulen, R.C. and Lett, R.E., 2005. Till geochemistry- a viable tool for polymetallic mineral exploration in British Columbia's southern interior (NTS 92L, 92P, 82L, 82M). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Geofile 2005-18, 19 pages.
Plouffe, A., Bednarski, J.M., Huscroft, C.A. and McCuaig, S.J., 2010. Glacial geology of the Bonaparte Lake map area (NTS 92P1E and 92P2E), south central British Columbia. Geological Survey of Canada, Open File 6440, CD ROM.
Plouffe, A., Bednarski, J.M., Huscroft, C.A., Anderson, R.G. and McCuaig, S.J., 2011. Late Wisconsinan glacial history in the Bonaparte Lake map area, south central British Columbia: implications for glacial transport and mineral exploration. Canadian Journal of Earth Sciences, v. 48, pages 1091-1111.

NTS MAP SHEET 093A

Plouffe, A. and Ferby, T., 2015. Till composition near Cu-porphry deposits in British Columbia: highlights for mineral exploration. In: TGI 4 - Intrusion Related Mineralisation Project: new vectors to buried porphyry-style mineralisation, Rogers, N. (Ed.), Geological Survey of Canada, Open File 7843, pages 15-37.
Plouffe, A. and Ferby, T., 2016. Till geochemistry, mineralogy and textural data near four Cu porphyry deposits in British Columbia. British Columbia Ministry of Energy and Mines, British Columbia Geological Survey Geofile 2016-10, Geological Survey of Canada, Open File 8028, 44 pages.

NTS MAP SHEET 093B

Ferby, T., Plouffe, A., and Bustard, A.L., 2016. Geochemical, mineralogical, and textural data from tills in the Highland Valley Copper Mine area, British Columbia. Geological Survey of Canada Open File 8119, 15p.
Jackman, W., 2010. QUEST-South regional geochemical data, southern British Columbia. Geoscience BC, Report2010-013, 153 pages.
Plouffe, A. and Ferby, T., 2016. Till geochemistry, mineralogy and textural data near four Cu porphyry deposits in British Columbia. British Columbia Ministry of Energy and Mines, British Columbia Geological Survey Geofile 2016-10, Geological Survey of Canada, Open File 8028, 44 pages.
Jackman, W., Sacco, D.A., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, British Columbia. Geoscience BC, Report 2015-12, 13 pages.
Mao, W., Rukhlov, A.S., Rowins, S.M., Hickin, A.S., Ferby, T., Bustard, A., Spence, J., and Cogan, L.A., 2017. A novel approach using detrital apatite and till geochemistry to identify covered mineralization in the TREK area of the Nechako Plateau, British Columbia. In: Ferby, T., Plouffe, A., and Williams, S.P., 2017. Indicator minerals in till and stream sediments of the Canadian Cordillera. Geological Association of Canada Special Paper Volume 50, and Mineralogical Association of Canada Topics in Mineral Sciences Volume 47, pp. 191-243.
Plouffe, A., and Williams, S.P., 2001. Quaternary geology data: Manson River (93N). Fort Fraser (93K) and Nechako River (93F), central British Columbia. Geological Survey of Canada, Open File 2270, CD-ROM.
Sibbick, S.J., Balma, R.G. and Dunn, C.E., 1996. Till geochemistry of the Mount Milligan area (Parts of 93N1 and 93O4/1). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1996-22, 18 pages.

project -Interior Plateau, central BC (parts of NTS 093C, 093B, 093F & 093K). Geoscience BC, Report 2015-9, 5 pages.

NTS MAP SHEET 093C

Lett, R.E., Cook, S.J. and Levson, V.M., 2006. Till geochemistry of the Chilanko Forks, Chezacut, Clusko River and Toi Mountain area, British Columbia (NTS 93C/1, C8, C/9, C16). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Geofile 2006-1, 272 pages.

Sacco, D.A., Jackman, W. and Ferby, T., 2014. Targeted geochemical and mineralogical surveys in the TREK Project area, central British Columbia (parts of NTS 093B, C, F, G). In: Geoscience BC Summary of Activities 2014, Geoscience BC, Report 2014-1, p. 19-34.

Sacco, D.A. and Jackman, W., 2014. Regional geochemical and mineralogical data. TREK Project, Interior Plateau, British Columbia. Geoscience BC, Report 2014-10, 13 pages.

Sacco, D.A. and Jackman, W., 2015. Targeted geochemical and mineralogical surveys in the TREK project area, central British Columbia -year two. Geoscience BC, Report 2015-1, pages 1-12.

NTS MAP SHEET 093E

Ferby, T., 2010. Till geochemistry of the Nadina River map area (093E/15), west-central British Columbia. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2010-7, Geoscience BC, Report 2010-10, 56 pages.

NTS MAP SHEET 093F

Jackman, W., Sacco, D., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, British Columbia. Geoscience BC, Report 2015-12, 13 pages.
Levson, V.M., Giles, T.R., Cook, S.J., and Jackman, W., 1994. Till geochemistry of the Fawcett Creek area (93F/03). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1994-18, 40 pages.
Levson, V.M. and Mate, D.A., 2002. Till geochemistry of the Tetchack Lake and Marilla map areas (NTS 93F/5 and F/12). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2002-11, 27 pages.
Mao, W., Rukhlov, A.S., Rowins, S.M., Hickin, A.S., Ferby, T., Bustard, A., Spence, J., and Cogan, L.A., 2017. A novel approach using detrital apatite and till geochemistry to identify covered mineralization in the TREK area of the Nechako Plateau, British Columbia. In: Ferby, T., Plouffe, A., and Hickin, A.S. (Eds.), 2017. Indicator minerals in till and stream sediments of the Canadian Cordillera. Geological Association of Canada Special Paper Volume 50, and Mineralogical Association of Canada Topics in Mineral Sciences Volume 47, pp. 191-243.

Plouffe, A. and Williams, S.P., 1998. Regional till geochemistry, gold and pathfinder elements, northern Interior Plateau, British Columbia. Geological Survey of Canada, Open File 1667, 1400,000-scale mapsheet.

Plouffe, A. and Williams, S.P., 2001. Quaternary geology data: Manson River (93N), Fort Fraser (93K) and Nechako River (93F), central British Columbia. Geological Survey of Canada, Open File 2270, CD-ROM.

Plouffe, A., Levson, V.M. and Mate, D.J., 2001. Till geochemistry of the Nechako River map area (NTS 93F), central British Columbia. Geological Survey of Canada, Open File 4166, 66 pages.

Plouffe, A., Jackman, W., and Ferby, T., 2014. Targeted geochemical and mineralogical surveys in the TREK Project area, central British Columbia (parts of NTS 093B, C, F, G). In: Geoscience BC Summary of Activities 2014, Geoscience BC, Report 2014-1, p. 19-34.

Sacco, D.A. and Jackman, W., 2014. Regional geochemical and mineralogical data. TREK Project, Interior Plateau, British Columbia. Geoscience BC, Report 2014-10, 13 pages.

Sacco, D.A. and Jackman, W., 2015. Targeted geochemical and mineralogical surveys in the TREK project area, central British Columbia -year two. Geoscience BC, Report 2015-1, pages 1-12.

NTS MAP SHEET 093G

Mao, W., Rukhlov, A.S., Rowins, S.M., Hickin, A.S., Ferby, T., Bustard, A., Spence, J., and Cogan, L.A., 2017. A novel approach using detrital apatite and till geochemistry to identify covered mineralization in the TREK area of the Nechako Plateau, British Columbia. In: Ferby, T., Plouffe, A., and Hickin, A.S. (Eds.), 2017. Indicator minerals in till and stream sediments of the Canadian Cordillera. Geological Association of Canada Special Paper Volume 50, and Mineralogical Association of Canada Topics in Mineral Sciences Volume 47, pp. 191-243.

NTS MAP SHEET 093H

Jackman, W., Sacco, D., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, central BC (parts of NTS 093C, 093B, 093F & 093K). Geoscience BC, Report 2015-9, 5 pages.
Jackman, W., Sacco, D.A., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, British Columbia. Geoscience BC, Report 2015-12, 13 pages.
Sacco, D.A., Jackman, W. and Ferby, T., 2014. Targeted geochemical and mineralogical surveys in the TREK Project area, central British Columbia (parts of NTS 093B, C, F, G). In: Geoscience BC Summary of Activities 2014, Geoscience BC, Report 2014-1, p. 19-34.

Sacco, D.A. and Jackman, W., 2014. Regional geochemical and mineralogical data. TREK Project, Interior Plateau, British Columbia. Geoscience BC, Report 2014-10, 13 pages.

Sacco, D.A. and Jackman, W., 2015. Targeted geochemical and mineralogical surveys in the TREK project area, central British Columbia -year two. Geoscience BC, Report 2015-1, pages 1-12.

NTS MAP SHEET 093I

Jackman, W., Sacco, D.A., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, British Columbia. Geoscience BC, Report 2015-12, 13 pages.
Sacco, D.A., Jackman, W. and Ferby, T., 2014. Targeted geochemical and mineralogical surveys in the TREK Project area, central British Columbia (parts of NTS 093B, C, F, G). In: Geoscience BC Summary of Activities 2014, Geoscience BC, Report 2014-1, p. 19-34.

Sacco, D.A. and Jackman, W., 2014. Regional geochemical and mineralogical data. TREK Project, Interior Plateau, British Columbia. Geoscience BC, Report 2014-10, 13 pages.

Sacco, D.A. and Jackman, W., 2015. Targeted geochemical and mineralogical surveys in the TREK project area, central British Columbia -year two. Geoscience BC, Report 2015-1, pages 1-12.

NTS MAP SHEET 093J

Ward, B.C., Leybourne, M.I. and Sacco, D.A., 2011. Drift prospecting within the QUEST Project area, central British Columbia (NTS 093J): potential for porphyry copper-gold, volcanogenic massive sulphide mineralization and gold-copper veins. In: Geoscience BC Summary of Activities 2010, Geoscience BC, Report 2011-1, pages 73-96.
Ward, B.C., Leybourne, M.I., Sacco, D.A., 2012. Heavy mineral analysis from till samples within the QUEST Project area, central British Columbia (NTS 093J). In: Geoscience BC Summary of Activities 2011, Geoscience BC, Report 2012-1, pages 59-68.

NTS MAP SHEET 093K

Plouffe, A. and Ballantyne, S.B., 1993. Regional till geochemistry, Manson River and Fort Fraser area, British Columbia (93K, 93N), silt plus clay and clay fractions. Geological Survey of Canada, Open File 2909, 62 pages.

Plouffe, A., 1995. Geochemistry, lithology, mineralogy, and visible gold grain content of fill in the Manson River and Fort Fraser map areas, central British Columbia (NTS 93K and N). Geological Survey of Canada, Open File 3194, 119 pages.

Plouffe, A., 2000. Quaternary geology of the Fort Fraser and Manson River map areas, central British Columbia. Geological Survey of Canada, Bulletin 554, 62 pages.

Plouffe, A. and Williams, S.P., 2001. Quaternary geology data: Manson River (93N), Fort Fraser (93K) and Nechako River (93F), central British Columbia. Geological Survey of Canada, Open File 2270, CD-ROM.

NTS MAP SHEET 093L

Ferby, T., Levson, V.M. and Lett, R.E., 2009. Till geochemical exploration targets, Babine Porphyry Copper Belt, central British Columbia. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2009-4, Geoscience BC, Report 2009-10, 38 pages.

Ferby, T., 2011. Till geochemistry of the Colemeymout map area (093L/1), west-central British Columbia. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2011-09, 45 pages.

NTS MAP SHEET 093M

Ferby, T., Levson, V.M. and Lett, R.E., 2009. Till geochemical exploration targets, Babine Porphyry Copper Belt, central British Columbia. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 2009-4, Geoscience BC, Report 2009-10, 38 pages.
Levson, V.M., Cook, S.J., Hobday, J., Huntley, D.H., O'Brien, E.K., Stumpf, A.J. and Weary, G., 1997. Till geochemistry of the Old Fort Mountain area, central British Columbia (NTS 93M/1). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1997-10a, 55 pages.
Levson, V.M., Cook, S.J., Huntley, D.H., Stumpf, A.J. and Hobday, J., 1997. Preliminary till geochemistry of the Mount Milligan area, central British Columbia (NTS 93M/1). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1997-18, 1997, data spreadsheet.

NTS MAP SHEET 093N

Plouffe, A. and Ballantyne, S.B., 1993. Regional till geochemistry, Manson River and Fort Fraser area, British Columbia (93K, 93N), silt plus clay and clay fractions. Geological Survey of Canada, Open File 2939, 210 pages.
Plouffe, A., 1995. Geochemistry, lithology, mineralogy, and visible gold grain content of fill in the Manson River and Fort Fraser map areas, central British Columbia (NTS 93K and N). Geological Survey of Canada, Open File 3194, 119 pages.
Plouffe, A., 2000. Quaternary geology of the Fort Fraser and Manson River map areas, central British Columbia. Geological Survey of Canada, Bulletin 552, 62 pages.
Plouffe, A. and Williams, S.P., 2001. Quaternary geology data: Manson River (93N), Fort Fraser (93K) and Nechako River (93F), central British Columbia. Geological Survey of Canada, Open File 2270, CD-ROM.
Sibbick, S.J., Balma, R.G. and Dunn, C.E., 1996. Till geochemistry of the Mount Milligan area (Parts of 93N1 and 93O4/1). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1996-22, 18 pages.

NTS MAP SHEET 093O

Sibbick, S.J., Balma, R.G. and Dunn, C.E., 1996. Till geochemistry of the Mount Milligan area (Parts of 93N1 and 93O4/1). British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1996-22, 18 pages.

NTS MAP SHEET 094G

Bednarski, J., 2001. Drift composition and surficial geology of the Trutch map area (94G), northeastern British Columbia. Geological Survey of Canada, Open File 3815, CD-ROM.

NTS MAP SHEETS 104N and 104O

Dixon-Warren, A. and Hickin, A., 2000. Ancient Pacific margin part V: Surficial mapping and till geochemistry in the Swift River, geochronology, geology, and geophysics to trace mineralized glacial erratics to their bedrock source, an example from south central British Columbia. Canadian Journal of Earth Sciences, v. 48, pages 1113-1129.

PROPERTY-SCALE SUBGLACIAL TILL SURVEYS

Alaskan-type Pt±Au±S±R±Ir

(1) Grasshopper Oozes
Cook, S.J. and Fletcher, W.K., 1990. Preliminary report on the distribution and dispersion of platinum in the soils of the Tulameen ultramafic complex, southern British Columbia (92H/10). In: Geological Survey of Canada, Open File 3448, 1997, 11 pages.
Fletcher, W.K., 1989. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 1990-1, pages 511-518.

Au skarns/W skarns

(2) Bunker Hill
Kofyberg, A., 2008. Assessment report on the heavy mineral stream sediment, silt stream sediment, rock and soil sampling programs, Bunker Hill property, submitted by Clarke Gold Inc. and Big Gold Resources Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30070, 143 pages.
Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Cu skarns/garnet skarns

(3) G Claims
Plouffe, A., Anderson, R.G., Gruenwald, W., Davis, W.J., Bednarski, J.M. and Paulen, R.C., 2011. Integrating ice-flow history, geochronology, geology, and geophysics to trace mineralized glacial erratics to their bedrock source, an example from south central British Columbia. Canadian Journal of Earth Sciences, v. 48, pages 1113-1129.

Au-quartz veins

(2) Bunker Hill
Kofyberg, A., 2008. Assessment report on the heavy mineral stream sediment, silt stream sediment, rock and soil sampling programs, Bunker Hill property, submitted by Clarke Gold Inc. and Big Gold Resources Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30070, 143 pages.
Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

NTS MAP SHEET 093A

Jackman, W., Sacco, D., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, central BC (parts of NTS 093C, 093B, 093F & 093K). Geoscience BC, Report 2015-9, 5 pages.
Jackman, W., Sacco, D.A., and Lett, R.E., 2015. Regional geochemical and mineralogical data, TREK Project -year 2, Interior Plateau, British Columbia. Geoscience BC, Report 2015-12, 13 pages.
Sacco, D.A., Jackman, W. and Ferby, T., 2014. Targeted geochemical and mineralogical surveys in the TREK Project area, central British Columbia (parts of NTS 093B, C, F, G). In: Geoscience BC Summary of Activities 2014, Geoscience BC, Report 2014-1, p. 19-34.

Sacco, D.A. and Jackman, W., 2014. Regional geochemical and mineralogical data. TREK Project, Interior Plateau, British Columbia. Geoscience BC, Report 2014-10, 13 pages.

Sacco, D.A. and Jackman, W., 2015. Targeted geochemical and mineralogical surveys in the TREK project area, central British Columbia -year two. Geoscience BC, Report 2015-1, pages 1-12.

Epithermal Au-Ag (low sulphidation)

(4)3ts
Cook, S.J. and Dunn, C.E., 2007. A comparative assessment of soil geochemical methods for detecting buried mineral deposits - 3Ts Au-Ag prospect, central British Columbia. Geoscience BC, Report 2007-1, 228 pages.

(5) Backwater-Davidson

Averill, S.A., 2011. The Backwater gold-spessartine-pyroxulite dispersal train, British Columbia, Canada: Influence of sampling depth on indicator mineralogy and geochemistry. In: 27th International Association of Applied Geochemists: Indicator Mineral Workshop, Tucson, pages 191-203.

Macpherson, F. and Petersen, M.A., 2015. Backwater ridge indicator mineral report; submitted by New Gold Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR35158, 370 pages.

O'Brien, E.K., Broster, B.E., Giles, T.R. and Levson, V.M., 1995. Till geochemical sampling: CH, Backwater-Davidson, and Uduk Lake properties, British Columbia: report of activities. In: Geological Fieldwork 1994, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 1995-1, pages 207-211.

O'Brien, E.K., Levson, V.M. and Broster, B.E., 1997. Till geochemical dispersal in central British Columbia. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Open File 1997-12, 114 pages.

Sacco, D.A., Jackman, W., and Ferby, T., 2014. Targeted geochemical and mineralogical surveys in the TREK Project area, central British Columbia (parts of NTS 093B, C, F, G). In: Geoscience BC Summary of Activities 2014, Geoscience BC, Report 2014-1, p. 19-34.

Sacco, D.A. and Jackman, W., 2014. Regional geochemical and mineralogical data. TREK Project, Interior Plateau, British Columbia. Geoscience BC, Report 2014-10, 13 pages.

Sacco, D.A. and Jackman, W., 2015. Targeted geochemical and mineralogical surveys in the TREK project area, central British Columbia -year two. Geoscience BC, Report 2015-1, pages 1-12.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy, Mines and Petroleum Resources, AR30828, 694 pages.

Williams, L.D., 2014. Assessment report on prospecting, geochemical and rock sampling on the Nox and Fort property in 2008, submitted by Jaxa Minerals Inc., British Columbia Ministry of Energy,