

REGIONAL-SCALE DRIFT PROSPECTING SURVEYS

NTS MAP AREA 82L
Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackaman, W., Bichler, A.J. and Wingerter, C. (2000): Till geochemistry of the Shuswap Highlands area, B.C. (parts of NTS 82M/3, 82L/13, and 92P/9). *British Columbia Geological Survey*, Open File 2000-18, 26 pages.

NTS MAP AREA 92M
Bobrowsky, P.T., Leboe, E.R., Dixon-Warren, A. and Ledwon, A. (1997): Eagle Bay Project: till geochemistry of the Adams Plateau (82M/4) and North Barriere Lake (82M/5) map areas; *British Columbia Ministry of Employment and Investment, Geological Fieldwork* 1996, Paper 1997-1, 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-North Barriere Lake area (NTS 82M/4 and 5); *British Columbia Geological Survey*, Open File 1997-09, 27 pages.

Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackaman, W., Bichler, A.J. and Wingerter, C. (2000): Till geochemistry of the Shuswap Highlands area, B.C. (parts of NTS 82M/3, 82L/13, and 92P/9). *British Columbia Geological Survey*, Open File 2000-18, 26 pages.

NTS MAP AREA 92L
Bobrowsky, P.T. and Meldrum, D. (1994): Preliminary drift exploration studies, northern Vancouver Island (92L/6, 92L/11); *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1993, Paper 1994-1, pages 87-99.

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Huntley, D.H. and Bobrowsky, P.T. (1995): Surficial geology and drift exploration: Mathatta Creek Map Area (92L/5); *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1994, Paper 1995-1, pages 35-48.

Kerr, D.E., Sibbick, S.J. and Jackaman, W. (1992): Till geochemistry of the Quatsino map area (92L/12); *British Columbia Geological Survey*, Open File 1992-21, 14 pages.

NTS MAP AREA 92O
Plouffe, A. and Baltanyne, S.B. (1991): Regional till geochemistry, Mount Tatlow and Elkin Creek area, British Columbia (92O/5 and O/12); *Geological Survey of Canada*, Open File 2909, 62 pages.

NTS MAP AREA 92P
Bobrowsky, P.T., Paulen, R.C., Little, E., Prebble, A., Ledwon, A. and Lett, R.E. (1998): Till geochemistry of the Chiu Chua-Clearwater area (NTS 92P/1E and 92P/8C); *British Columbia Geological Survey*, Open File 1998-06, data spreadsheet.

Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackaman, W., Bichler, A.J. and Wingerter, C. (2000): Till geochemistry of the Chiu Chua-Clearwater area, B.C. (parts of NTS 92P/8 and 92P/9); *British Columbia Geological Survey*, Open File 2000-17, 25 pages.

Paulen, R.C., Bobrowsky, P.T., Lett, R.E., Jackaman, W., Bichler, A.J. and Wingerter, C. (2000): Till geochemistry of the Shuswap Highlands area, B.C. (parts of NTS 92L/13 and 92P/9); *British Columbia Geological Survey*, Open File 2000-18, 26 pages.

NTS MAP AREA 93C
Lett, R.E., Cook, S.J. and Levson, V.M. (2006): Till Geochemistry of the Chilanko Forks, Chezacut, Clusko River and Toll Mountain area, British Columbia (NTS 93C/1, C/9, C/9, C/16); *British Columbia Geological Survey*, GeoFile 2006-1, 272 pages.

NTS MAP AREA 93F
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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.

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NTS MAP AREA 93H
Bobrowsky, P.T. and Bichler, A. (2001): Till Geochemistry of the Wells-Stony Lake Area, B.C. (NTS 93H/4N and 93H/5S); *British Columbia Geological Survey*, Open File 2001-10, 32 pages.

NTS MAP AREA 93K
Plouffe, A. and Baltanyne, S.B. (1993): Regional till geochemistry, Manson River and Fort Fraser area, British Columbia (93K, 93N), silt plus clay and clay size fractions; *Geological Survey of Canada*, Open File 2593, 210 pages.

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NTS MAP AREA 93L
Levson, V.M. (2002): Quaternary geology and till geochemistry of the Babine Porphyry Copper Belt, British Columbia (NTS 93L/9, M/1, 2, 7, 8); *British Columbia Geological Survey*, Bulletin 110, 278 pages.

Levson, V.M. (2002): Quaternary geology and till geochemistry of the Babine Porphyry Copper Belt, British Columbia (NTS 93L/9, M/1, 2, 7, 8); *British Columbia Geological Survey*, Bulletin 110, 278 pages.

Levson, V.M., Cook, S.J., Hobbay, 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 Geological Survey*, Open File 1997-10a, 55 pages.

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NTS MAP AREA 93N
Plouffe, A. (1995): Geochemistry, lithology, mineralogy, and visible gold content of till 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.

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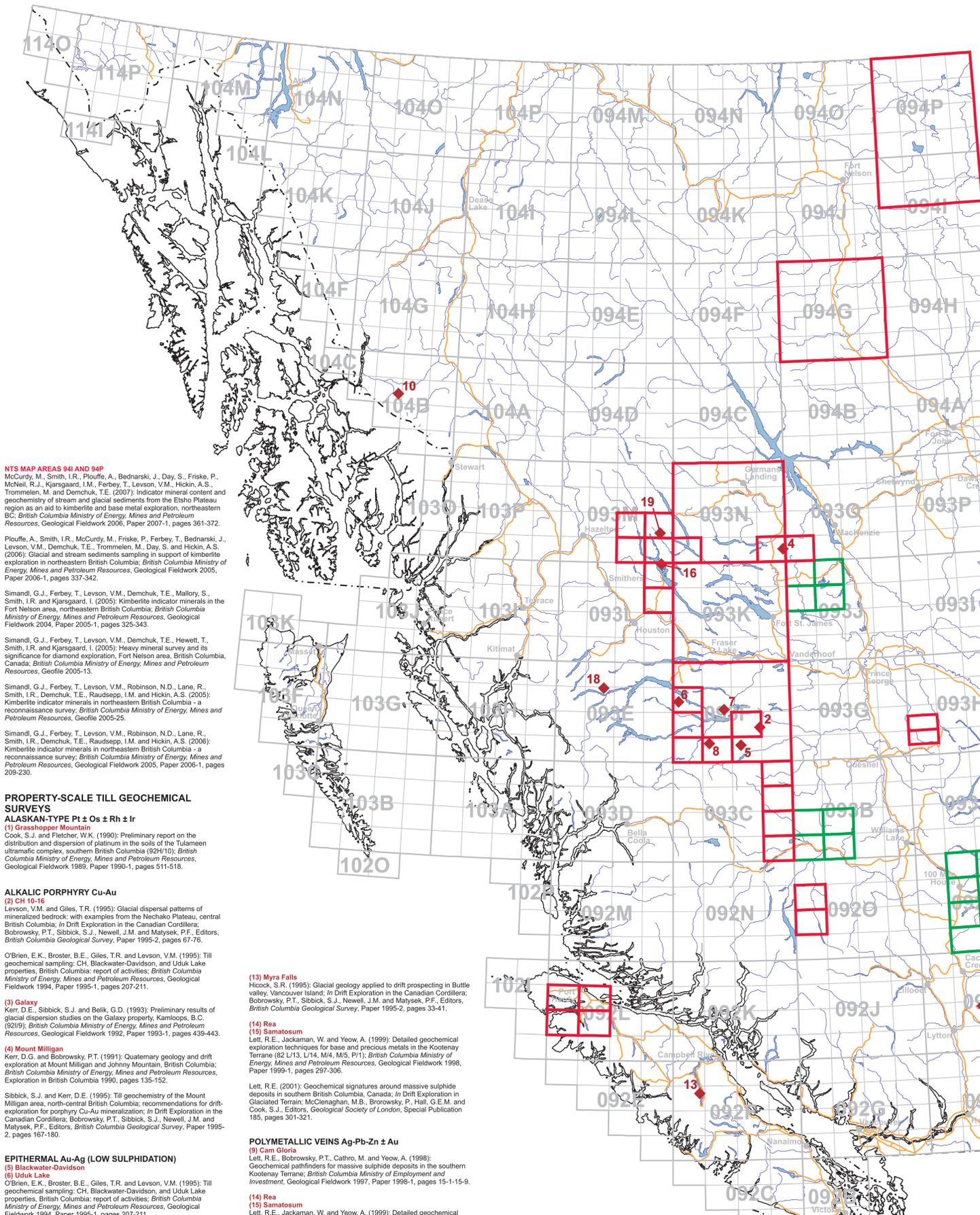
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Sibbick, S.J., Balma, R.G. and Dunn, C.E. (1996): Till geochemistry of the Mount Milligan area (Parts of 93N/1 and 93O/4); *British Columbia Geological Survey*, Open File 1996-22, 18 pages.

NTS MAP AREA 94G
Bednarski, J. (2001): Drift composition and surficial geology of the Truth map area (94G), northeastern British Columbia; *Geological Survey of Canada*, Open File 3815, CD-ROM.



NTS MAP AREA 94I and 94P
McCurdy, M., Smith, I.R., Plouffe, A., Bednarski, J., Day, S., Friske, P., McNeil, R.J., Kjarsgaard, I.M., Ferbey, T., Levson, V.M., Hickin, A.S., Trommlen, M. and Demchuk, T.E. (2007): Indicator mineral content and geochemistry of stream and glacial sediments from the Elisha Plateau region as an aid to kimberlite and base metal exploration, northeastern BC; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 2006, Paper 2007-1, pages 361-372.

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Simandl, G.J., Ferbey, T., Levson, V.M., Demchuk, T.E., Mallory, S., Smith, I.R. and Kjarsgaard, I. (2005): Kimberlite indicator minerals in the Fort Nelson area, northeastern British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 2004, Paper 2005-1, pages 325-343.

Simandl, G.J., Ferbey, T., Levson, V.M., Demchuk, T.E., Hewett, T., Smith, I.R. and Kjarsgaard, I. (2005): Heavy mineral survey and its significance for diamond exploration, Fort Nelson area, British Columbia, northeastern British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 2005, Paper 2006-1, pages 209-230.

Simandl, G.J., Ferbey, T., Levson, V.M., Robinson, N.D., Lane, R., Smith, I.R., Demchuk, T.E., Raussepp, I.M. and Hickin, A.S. (2005): Kimberlite indicator minerals in northeastern British Columbia - a reconnaissance survey; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 2005, Paper 2006-1, pages 209-230.

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PROPERTY-SCALE TILL GEOCHEMICAL SURVEYS

ALASKAN-TYPE Pt ± Os ± Rh ± Ir

(1) **Grasshopper Mountain**
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); *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1989, Paper 1990-1, pages 511-518.

(2) **CH 10-16**
Levson, V.M. and Giles, T.R. (1995): Glacial dispersal patterns of mineralized bedrock: with examples from the Nechako Plateau, central British Columbia; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 67-76.

(3) **Galaxy**
Kerr, D.E., Sibbick, S.J. and Belk, G.D. (1993): Preliminary results of glacial dispersion studies on the Galaxy property, Kamloops, B.C. (92I/9); *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1992, Paper 1993-1, pages 439-443.

(4) **Mount Milligan**
Kerr, D.G. and Bobrowsky, P.T. (1991): Quaternary geology and drift exploration at Mount Milligan and Johnny Mountain, British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia* 1990, pages 135-152.

Sibbick, S.J. and Kerr, D.E. (1995): Till geochemistry of the Mount Milligan area, north-central British Columbia; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 167-180.

(5) **Uduk Lake-Davidson**
Levson, V.M. and Stumpf, A.J. (1998): Glacial controls on geochemical transport distance and direction in north-central Siklina: Implications for exploration; *In: Cordillera Reviewed: Recent Developments in Cordilleran Geology, Tectonics and Mineral Deposits*; Mustard, P. and Gareau S., Editors, *Geological Association of Canada, Cordilleran Section Short Course Notes*, pages 68-75.

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

(7) **White Claim Group**
Levson, V.M. and Giles, T.R. (1995): Glacial dispersal patterns of mineralized bedrock: with examples from the Nechako Plateau, central British Columbia; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 67-76.

(8) **Wolf**
Levson, V.M. and Giles, T.R. (1997): Quaternary geology and till geochemistry studies in the Nechako and Fraser Plateaus, central British Columbia; *In: Interior Plateau Geoscience Project: Summary of Geological, Geochemical and Geophysical Studies*; Diakow, L.J. and Newell, J.M., Editors, *Geological Survey of Canada*, Open File 3448, *British Columbia Geological Survey*, Paper 1997-2, pages 121-145.

(9) **Cam Gloria**
Lett, R.E., Bobrowsky, P.T., Cathro, M. and Yeow, A. (1998): Geochemical pathfinders for massive sulphide deposits in the southern Kootenay Terrane; *British Columbia Ministry of Employment and Investment, Geological Fieldwork* 1997, Paper 1998-1, pages 15-115-9.

(10) **Johnny Mountain**
Kerr, D.G. and Bobrowsky, P.T. (1991): Quaternary geology and drift exploration at Mount Milligan and Johnny Mountain, British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia* 1990, pages 135-152.

(11) **Harper**
Kerr, D.G. and Bobrowsky, P.T. (1991): Quaternary geology and drift exploration at Mount Milligan and Johnny Mountain, British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia* 1990, pages 135-152.

(12) **Broken Ridge (Birk Creek)**
Lett, R.E., Bobrowsky, P.T., Cathro, M. and Yeow, A. (1998): Geochemical pathfinders for massive sulphide deposits in the southern Kootenay Terrane; *British Columbia Ministry of Employment and Investment, Geological Fieldwork* 1997, Paper 1998-1, pages 15-115-9.

(13) **NORANDA/KUROKO MASSIVE SULPHIDE Cu-Pb-Zn**
(11) Harper
Kerr, D.G. and Bobrowsky, P.T. (1991): Quaternary geology and drift exploration at Mount Milligan and Johnny Mountain, British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia* 1990, pages 135-152.

(13) Myra Falls

Hiscock, S.R. (1995): Glacial geology applied to drift prospecting in Buttle valley, Vancouver Island; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 33-41.

(14) Rea

(15) **Samatsum**
Lett, R.E., Jackaman, W. and Yeow, A. (1999): Detailed geochemical exploration techniques for base and precious metals in the Kootenay Terrane (82 L/13, L/14, M/4, M/6, P/1); *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1999, Paper 1999-1, pages 297-306.

Lett, R.E. (2001): Geochemical signatures around massive sulphide deposits in southern British Columbia, Canada; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 301-321.

POLYMETALLIC VEINS Ag-Pb-Zn ± Au

(9) **Cam Gloria**
Lett, R.E., Bobrowsky, P.T., Cathro, M. and Yeow, A. (1998): Geochemical pathfinders for massive sulphide deposits in the southern Kootenay Terrane; *British Columbia Ministry of Employment and Investment, Geological Fieldwork* 1997, Paper 1998-1, pages 15-115-9.

(14) **Rea**
(15) **Samatsum**
Lett, R.E., Jackaman, W. and Yeow, A. (1999): Detailed geochemical exploration techniques for base and precious metals in the Kootenay Terrane (82 L/13, L/14, M/4, M/6, P/1); *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1999, Paper 1999-1, pages 297-306.

Lett, R.E. (2001): Geochemical signatures around massive sulphide deposits in southern British Columbia, Canada; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 301-321.

PORPHYRY Cu ± Mo ± Au

(16) **Bell**
Levson, V.M. and Stumpf, A.J. (1998): Glacial controls on geochemical transport distance and direction in north-central Siklina: Implications for exploration; *In: Cordillera Reviewed: Recent Developments in Cordilleran Geology, Tectonics and Mineral Deposits*; Mustard, P. and Gareau S., Editors, *Geological Association of Canada, Cordilleran Section Short Course Notes*, pages 68-75.

Stumpf, A.J., Broster, B.E. and Levson, V.M. (1997): Evaluating the use of till geochemistry to define buried mineral targets: a case study from the Bell mine property, (93 L/16, M/1) west-central British Columbia; *British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork* 1996, Paper 1997-1, pages 457-465.

(17) **Highland Valley**
Ferbey, T. and Levson, V.M. (2001): The application of heavy mineral indicator mineralogy in mineral exploration, with emphasis on base metal exploration in glaciated metamorphic and plutonic terrain; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 277-303.

Lett, R.E. (1995): Analytical methods for drift samples; *In: Drift Exploration in the Canadian Cordillera*; Bobrowsky, P.T., Sibbick, S.J., Newell, J.M. and Matyssek, P.F., Editors, *British Columbia Geological Survey*, Paper 1995-2, pages 215-228.

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