

Mineral Exploration Roundup 2010: Public Geoscience Poster Session (January 18, 10:00 - 5:00)

Organization	Authors	Poster Title
British Columbia Geological Survey		
1	BCGS - MEMPR BCGS Staff	BC Geological Survey Activities, 2009
2	BCMEMPR D. Grieve	Southeast Region - 2009 Exploration and Mining Highlights
3	BCMEMPR B. Madu	South-central mining and exploration activities, 2009
4	BCMEMPR P. Wojdak	Progress on Metallogeny of northwest British Columbia
5	BCGS - MEMPR B. Northcote	Mining and Exploration Activity in Southwestern BC, 2009
6	BCGS - MEMPR Y. Cui and P. Desjardins	Dynamic spatial query through web processing services
7	BCGS - MEMPR BCGS Staff	Mines and Selected Major Exploration Projects in British Columbia 2009 (Open File 2010-01) Communities Benefiting from mines and mineral exploration 2009 (Open File 2010-02)
8		Poster Layout Map
11	BCGS - MEMPR N.W.D. Massey and S.L. Oliver	Southern Nicola Project: Granite Creek area (parts of NTS 92H/07 and 92H/10)
12	University of British Columbia S.L. Oliver (Student)	Redefining the southern Nicola Group: Petrographic and structural characterization of the Eastgate-Whipsaw metamorphic belt, southern British Columbia
13	BCGS - MEMPR M. Mihalynuk, J. Logan, R.M. Friedman and V.A. Preto	Age of mineralization and 'Mine dykes' at Copper Mountain alkaline Cu-Au-Ag porphyry deposits
14	BCGS - MEMPR R. Lett	Geochemical Program Highlights
15	BCGS - MEMPR P. Schiarizza	Geology and mineral occurrences between Thuya and Woodjam creeks, south-central BC
16	BCGS - MEMPR J.L. Nelson, J.B. Mahoney, G.E. Gehrels, C. van Staal and J.J. Potter	Geology and Mineral Potential of Porcher Island, northern Grenville Channel and Vicinity, northwestern British Columbia
17	BCGS - MEMPR J. Logan	BC Geology Map update: QUEST Area, central British Columbia
18	BCGS - MEMPR T. Ferbey	Quaternary Geology and Till Geochemistry of the Nadina River Map Area (NTS 093E/15), West-central British Columbia
19	BCGS - MEMPR G.J. Simandl, S. Paradis, L. Simandl and J. Dahrouge	Vermiculite in Blue River area British Columbia, Canada
20	BCGS - MEMPR G. Simandl	Industrial Minerals
21	University of Victoria T. Stier (Student)	Rock and Roll massive sulphide: A syngenetic deposit?
22	University of Victoria D. McLeish (student)	Geology of the Aley Creek Area, Northeastern BC Rocky Mountains: A Record of Pre-Laramide Orogenesis in the Cordilleran Foreland Belt
82	BCGS - MEMPR Y. Cui and P. Desjardins	Geoscience data mining with free and (or) open source software solutions
83	BCGS - MEMPR K. Hancock and S. Meredith-Jones	MINFILE and Propert File: Hidden Gems

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Geological Survey of Canada		
9	Geological Survey of Canada L. Nasleau, D. Corrigan, P. Brouillette, T. Tremblay, M. Boutin, N. Wodicka, M. Houle, J. Spratt, S. Erdmann, D. Clark, C. Partin, S. Day and Y. Kuiper	The Melville Peninsula Geology Revisited: A Contribution to GEM-Minerals Program
10	Geological Survey of Canada J.B. Chapman, J.M. Peter and D. Layton-Matthews	VMS exploration vectoring using sulfidic black shales: Examples from the Archean of Northern Ontario
23	Geological Survey of Canada M. B. McClenaghan, R.C. Paulen, D.E. Ames, G. Budulan, D. Layton-Matthews, A. Hickin, S. Averill, G. Matile, I. Kjarsgaard, M. A. Parkhill	Development of indicator mineral methods for base metal exploration IN GLACIATED TERRAIN
24	Geological Survey of Canada D. Wright	Naats' ihch' oh National Park - Mineral and Energy Resource Assessment and Park Establishment Update
25	Geological Survey of Canada N. Hayward, L. Corriveau, J.-F. Montreuil, J. Kerswill, R. Enkin and M. Lee	IOCG - Great Bear Magmatic Zone, NWT: Active Geological and Geophysical Research and Surveys
26	Geological Survey of Canada M.D. Thomas and P. Keating (2)	New Aeromagnetic and Electromagnetic Data from the Cariboo Lake Area, Barkerville Subterrane: Significance for Geological Mapping and Mineral Exploration
27	Geological Survey of Canada M.D. Thomas and D.A. Brown (1)	Geological Significance of Magnetic Signatures in the Purcell Anticlinorium
28	Geological Survey of Canada D. A. Brown, R. F. MacLeod, C. L. Wagner and W. Chow (2)	Digital Geological Compilation of the Purcell Anticlinorium (Sullivan mine area), southeastern British Columbia--A TGI-3 Project; Part 2 (Southern sheet)
29	Geological Survey of Canada D. A. Brown, R. F. MacLeod, C. L. Wagner and W. Chow (1)	Digital Geological Compilation of the Purcell Anticlinorium (Sullivan mine area), southeastern British Columbia--A TGI-3 Project; Part 1 (Northern sheet)
30	Geological Survey of Canada J. Lydon	Tectonic evolution of the Belt-Purcell basin: implications for the metallogeny of the Purcell anticlinorium, southeastern British Columbia
31	Geological Survey of Canada J.M.R. Joseph	New TGI3 Interactive map products to aid exploration in southern BC
32	Geological Survey of Canada B. Turner, B. Anderson, D. Grieve, B. Madu, R. Franklin, M. Cathro, C. Huscroft, E. Frey, K.Favroldt, L. Anderton and F. Fowler.	GeoTour guides and geological highway maps: building a social licence for mining and mineral exploration in southern BC
34	Geological Survey of Canada S. Paradis, George J. Simandl, John Bradford, Christopher Leslie, and Curtis Brett (1)	Carbonate-hosted Nonsulphide and Sulphide Pb-Zn Deposits, Cariboo Terrane, British Columbia, Canada
35	Geological Survey of Canada S. Paradis, R. MacLeod, R. Emperingham and K.B. Underhill (2)	Bedrock geology of the Salmo and Nelson districts, southern Kootenay Arc, NTS 082F03 and 082F06
36	Geological Survey of Canada M. McMechan and E. Macey	TGI-3 Bedrock geoscience maps, Kananaskis Lakes area, southeastern B.C.
37	Geological Survey of Canada R.G. Anderson and S. Paradis (1)	New Maps, Ideas, Targets and Personnel for Base Metals Exploration in Southern B.C.; TGI-3 Year Five Summary of Progress
38	Geological Survey of Canada R.G. Anderson, M. Kelman, W. Chow, G.D.M. Andrews, K. Breitsprecher, W. Davis, C. E. Dunn, A. Plouffe, P. Schiarizza, and M.D. Thomas (2)	Mineral potential in the Thuya Batholith: a new map and assessment of multiple geoscience datasets
39	Geological Survey of Canada G. Andrews, J. Dohaney, K. Russell	Distribution and Thickness of basalts and drift on the Interior Plateau
40	Geological Survey of Canada A. Plouffe, J.M. Bednarski, C.A. Huscroft, S.J. McCuaig	Glacial sediments geochemistry of the Bonaparte Lake map area (NTS 92P), south central British Columbia
42	Geological Survey of Canada D. Huntley, A. Hickin and C. Sidwell	Surficial Deposits, Landforms, Glacial History and Granular Aggregate Resources of the Maxhamish Lake Map Sheet (NTS 940)
43	Geological Survey of Canada J.M. Peter, L.M. Wickert, J.R. Harris, D.T. James, H.P. White, and D.W. Coulter	Hyperspectral surveying in support of mineral exploration in Canada's north; Rationale, Methodology and an example from the Hackett River Greenstone Belt, Nunavut
44	United States Geological Survey S. Karl	Age constraints for VMS mineralization related to extension in Neoproterozoic to Triassic oceanic arcs in the Alexander terrane, southeast Alaska
45	Geological Survey of Canada L. Beranek, A. Zagorevski, C. van Staal, N. Joyce, R. Enkin	Multiple Metals-Northwestern Canadian Cordillera project: Tectonic setting and accretion of insular terranes
46	Geological Survey of Canada J. Ryan and M. Colpron	Bedrock Geology of southwest McQuesten (115P) and part of northern Carmacks (115I) map sheets
47	Geological Survey of Canada Multiple Metals Northwest Canadian Cordillera (Edges) Project Team	Multiple Minerals Northwest Canadian Cordillera (Edges) Project: mineral potential of the northern Cordillera, a GEM Project
48	Geological Survey of Canada J. Percival, M. Fowler and S. Hammer	Geo-Mapping for Energy and Minerals: Highlights and plans

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Geoscience BC			
59	Geoscience BC	D. Yang and D. Oldenburg (Student)	E-field Time Domain Electromagnetic Method
60	Geoscience BC	E. Holtham and D. Oldenburg (Student)	3D Inversion of ZTEM data
61	Geoscience BC	B.R. Smithyman and R.M. Clowes (Student)	Full-waveform inversion of Nechako Basin multi-channel seismic reflection first-arrival data
62	Geoscience BC	C. Fefchak and J.P. Zonneveld	The Lower Charlie Lake Formation Artx Member, An Aeolian Reservoir Case Study
63	Geoscience BC	C. Sisulak	Development of Inclined Heterolithic Stratification in a Tidally Influenced River: A Modern Analog for Ancient Deposits
64	Geoscience BC	S. Quane, P. Van de Reep, G. Andrews, R. Enkin and K. Russell	Rock physical property measurements: An aid to interpretation of geophysical surveys in the Nechako Basin oil and gas region, central British Columbia
65	Geoscience BC	F. Bouzari, C.J.R. Hart, S. Barker, and T. Bissig	Porphyry Indicator Minerals (PIMs): Exploration for Concealed Deposits in British Columbia
66	Geoscience BC	J.K. Mortensen and R. Chapman	Characterization of Placer- and Lode-Gold Grains as an Exploration Tool in East-Central British Columbia
67	Geoscience BC	G.S. Pignotta, B.G. Hardel, J.L. Meyers and J.B. Mahoney	Volcanic facies, deformation and economic mineralization in Paleozoic strata of the Terrace-Kitimat area, British Columbia, NTS 1031
68	Geoscience BC	T. Ruks, J.K. Mortensen and F. Cordey	New Results of Geological Mapping and Micropaleontological and Lead Isotopic Studies of Volcanogenic Massive Sulphide-Hosting Stratigraphy of the Middle and Late Paleozoic Sicker and Lower Buttle Lake Groups on Vancouver Island, British Columbia (NTS 0928/13, 092C/16, 092E/09, /16, 092F/02, /05, /07)
69	Geoscience BC	T. Meuzelaar, T. Monecke, R. Tosdal, H. Meuzelaar and Dr. Cristina Jaramillo	Nature and Origin of Carbonate Alteration at the Eskay Creek Massive Sulfide Deposit, BC
70	Geoscience BC	J.R. Norris, C.J.R. Hart, R.M. Tosdal, C. Rees (Student)	Magmatic Evolution, Mineralization and Alteration of the Red Chris Copper-Gold Porphyry Deposit, Northwestern British Columbia
71	Geoscience BC	T. Chudy (Student)	The origin of the tantalum-bearing Upper Fir carbonatite: preliminary results
72	Geoscience BC	J.F. Cubley, D.R.M. Pattison, and C.M. Fanning (Student)	Geochronological and structural controls on polyphase mineralization along the eastern margin of the Grand Forks Complex, southeastern British Columbia
73	Geoscience BC	A. Stumpf	Preliminary results of till geochemistry sampling from the Bulkley River area, central British Columbia, Canada
74	Geoscience BC	D. Sacco, B. Ward, D. Maynard and M. Geertsema	Glacial History, Terrain Mapping and Drift Prospecting in the Northwest Corner of NTS Map Area 093J (McLeod Lake), central British Columbia
75	Geoscience BC	B. Ward, D. Sacco, S. Reichheld	Till geochemistry western portion of 93J
76	Geoscience BC	W. Jackaman	QUEST South Geochemical Database Upgrades, New Surveys and Sample Reanalysis Data
77	Geoscience BC	Geoscience BC	New QUEST-South Airborne Geophysical Data
78	Geoscience BC	Geoscience BC	Ongoing Geoscience BC Projects
79	Geoscience BC	D. E. Mitchinson and T. Bissig	Enhancing Geophysical Interpretation and Mineral Deposit Modelling Through Knowledge of Physical Rock Properties: Magnetic Susceptibility Studies for Porphyry Deposits in the QUEST and QUEST-West Areas (NTS 93E, 93K, 93N)
80	Geoscience BC	T. Bissig, S. Vaca, D. Mitchinson, C.Hart	Geochemical and physical variations in the late Triassic Nicola arc and metallogenic implications: preliminary results

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Student Posters			
41	University of Western Ontario	J. Shuster	The biogeochemistry of gold: Looking for field sites where natural gold cycling is occurring
41	Mineral Deposit Research Unit University of British Columbia	E. Stock	Chlorite zonation around the Red Lake orogenic lode-gold systems, Northwestern Ontario, Canada
49	University of Alberta Geological Survey of Canada	J. Kraft	New 1:50 000-scale geological maps and increased economic potential in the Kootenay Arc between Trout Lake and Revelstoke, B.C.
49	University of Alberta	C. Lawley	The Setting, Age, Alteration, and Mineralization at the MAX Molybdenum Mine
50	University of British Columbia	K. Breitsprecher	U-Pb (zircon) geochronology of Mesozoic intrusions from the southern Quesnel and Stikine terranes: temporal trends in magmatism of the Nicola Arc
50	Simon Fraser University	R. Staples	A study of the regional tectono-metamorphism and exhumation history of Yukon-Tanana terrane
51	University of Western Ontario	N. Pietrzak	Ore Textures and Mineral Chemistry within the Oxide-Carbonate-Silicate Floatation Ores at Cliffs Natural Resources' Tilden Mine, Michigan, U.S.A.
51	University of Western Ontario	J. Renaud	Mineralogy of the U308 Corp. Basement-Hosted Aricheng Uranium Deposit, Roraima Basin, Guyana, South America
52	University of British Columbia Geological Survey of Canada	G. Andrews	Geology, Chasm Provincial Park and vicinity, British Columbia
52	University of British Columbia Geological Survey of Canada	G. Andrews	Distribution of the Chilcotin Group basalts, Taseko Lakes and Bonaparte Lake map areas, British Columbia
53	Mineral Deposit Research Unit University of British Columbia	W. Lepore	The physio-chemical signature and age of the auriferous hydrothermal system at the Long Canyon deposit, NE Nevada
53	University of British Columbia	L. Smar	INITIAL INVESTIGATIONS INTO THE P-T-D HISTORY OF PALEOPROTEROZOIC SUPRACRUSTAL ROCKS AT GRANT AND BROWNWATER LAKES, SOUTHERN WOPMAY OROGEN
54	Mineral Deposit Research Unit University of British Columbia	M. Cruickshanks	Mapping thermal anomalies associated with Carlin-type mineralization in Nevada
54	University of British Columbia	C. Wall	High-Precision U-Pb Geochronology of the Platiniferous J-M Reef and Associated Cumulate Rocks from Banded Series of the Stillwater Complex (Montana, USA)
55	Mineral Deposit Research Unit University of British Columbia	A. Ahmed	Are G.O.D.s the answer to upper plate Au mineralization in Nevada? A litho-geochemistry study of the Elder Creek deposit using gold ordered diagrams
55	Pacific Centre for Isotopic and Geochemical Research	A. Shiel	Evaluation of zinc, cadmium and lead isotope fractionation during smelting and refining
56	University of Western Ontario	N. Bridge	The Lac Cinquante Uranium Deposit, Nunavut, Canada: Detailed Mapping and Alteration Assemblages
57	University of British Columbia	L. Bruce	Cathodoluminescence of diamonds in metamorphic rocks
58	University of British Columbia	E. Barnes	Lithium: strong isotopic fractionation associated with late stages of magmatic evolution and fluorine saturation in the Little Nahanni Pegmatite Group, Northwest Territories
58	Mineral Deposit Research Unit University of British Columbia	W. Ciolekiewicz	Late Cretaceous Intrusions and Related Metallogeny, Dawson Range and Beyond: Project outline and preliminary results