

5th Annual Minerals South

Conference & Trade Show 2009

October 27-30



Prestige Rocky Mountain Resort and
Convention Centre
Cranbrook, BC



Agenda*

Mining and mineral exploration supporting our communities



Presented by



*Updated October 13 – changes possible

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DAY ONE – Tuesday October 27

SHORT COURSES 8:30 am to 4:30 pm

8:30 to 12:00	A Prospector's Guide to Structural Geology	Bob Thompson, RIT Minerals Corp Jamie Kraft, University of Alberta <i>Sponsored by BP Canada Energy Co Coffee break sponsored by BC Hydro</i>
12:00 to 1:00	Lunch	<i>Sponsored by Eastfield Resources Ltd and MAX Resource Corp</i>
1:00 to 4:30	An Introduction to Reading Geophysical Maps	Peter Kowalczyk, Geoscience BC Project Team <i>Sponsored by Geoscience BC and BP Canada Energy Co</i>

SOCIAL EVENT 5:00 to 6:30 pm

5:00 to 6:30	Ice-breaker reception	<i>Sponsored by FB Drilling Drink ticket courtesy of Roca Mines Inc</i>
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PLENARY SESSION: FREE PUBLIC LECTURE 7:30 to 9:00 pm

7:30 to 9:00	If Mountains Could Talk: a geologist's tour of rocks and mines, ghost towns and gold, dinosaur tracks and hot springs of the East Kootenay	Bob Turner, Geological Survey of Canada <i>Sponsored by Mackay Contracting</i>
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DAY TWO – Wednesday, October 28

TRADE SHOW 10:00 am to 4:30 pm

TECHNICAL SESSION I 8:00 to 4:45

8:00 – 8:40 am	Opening and welcoming remarks	
8:40 – 9:15	Keynote address: TGI-3 Cordilleran Project in southern BC: new exploration targets and looking ahead.	R.G. Anderson and S. Paradis, Geological Survey of Canada
9:15 – 9:40	New maps and syngenetic sulphide potential of the Lardeau Group near Trout Lake	Jamie Kraft, University of Alberta
9:40 – 10:05	Geology and exploration of the Thor deposit, Trout Lake, British Columbia	John Gardiner, Jim Helgeson and George Kent, Taranis Resources Inc

10:05 – 10:25	Coffee	<i>Sponsored by Moose Mountain Technical Services</i>
10:25 – 10:50	Cambrian carbonate-hosted base-metal deposits in the Lardeau-Trough succession	Barry Richards, Geological Survey of Canada
10:50 – 11:15	Nox Fort Project – intrusion-related gold-bismuth-tellurium, Salmo, BC	Bruce Ballantyne, Jaxon Minerals Inc and J. David Williams, Consulting Geological Engineer
11:15 – 11:40	Minerals for everyone: highlights, challenges, and opportunities in BC's mineral exploration sector	Jonathan Buchanan, Association for Mineral Exploration British Columbia
11:40 – 12:05	Update on Geoscience BC's 2009 projects	'Lyn Anglin, Geoscience BC
12:05 – 1:00 pm	Lunch	<i>Sponsored by Stikine Gold Corporation</i>
1:00 – 1:25	What's new for carbonate-hosted Zn-Pb deposits of the Kootenay Terrane, British Columbia?	S. Paradis, Geological Survey of Canada and G. Simandl, BC Geological Survey Branch
1:25 – 1:50	Project updates for southeast BC	Brian McGrath, Valterra Resource Corporation
1:50 – 2:15	TBA	Colin Joudrie, Teck Resources Limited
2:15 – 2:40	The Boundary Mining Camp - history of exploration and development 1859 – 1925	Giles R. Peatfield, Consulting Geologist
2:40 – 3:05	Grizzly Diamonds Ltd's Greenwood Gold Project - an update	Michael Dufresne, APEX Geoscience Ltd and Brian Testo, Grizzly Diamonds Ltd
3:05 – 3:25	Coffee	<i>Sponsored by FB Drilling</i>
3:25 – 3:50	Models for Tertiary-age mineralization in the Deer Park map sheet (082E/08), southern Monashee Mountains, southeastern British Columbia	Trygve Hoy, Consulting Geologist
3:50 – 4:20	Recent exploration activities in the Rossland area	Dan Wehrle, Gold Guild Geological Ltd
4:20 – 4:45	Exploration and mining from 1955 to present: some lessons learned	M.A. "Mo" Kaufman, Prospector/Geologist Principal DV Co

SOCIAL EVENTS 5:00 to 9:00 pm

5:00 – 6:00	Reception	<i>Drink ticket courtesy of Roca Mines Inc</i>
6:30 – 7:00	Banquet cash bar Entertainment – Rick Voisey	<i>Entertainment sponsored by Tri-Kon Precast Concrete Products</i>
7:00 – 9:00	Banquet Presentations: Pierre Gratton, Mining Association of BC; Keith Powell, author of "Living in the Shadow of Fisher Peak – The life and times of Jack Fisher"	<i>Dinner wine sponsored by Fab-Rite Services Ltd, Owen's Drilling Ltd and Shaw's Enterprises Ltd</i>

DAY THREE – Thursday, October 29

TRADE SHOW 8:30 am to 4:30 pm

TECHNICAL SESSION II 8:00 to 4:15

8:00 – 8:10 am	Announcements	
8:10 – 8:20	CMEBC update	Jack Denny, Chamber of Mines of Eastern British Columbia
8:20 – 8:55	Keynote address: Some aspects of regional controls on mineralization in the Cordillera: examples from NW Argentina/Chile, Northern Mexico and parts of BC	Tom Richards, Kootenay Gold Inc
8:55 – 9:20	BC Geological Survey projects and database updates	Kirk Hancock, BC Geological Survey Branch
9:20 – 9:45	Mineralization, intrusions and facies controlled by basement structure, southeastern British Columbia	Margot McMechan, Geological Survey of Canada
9:45 – 10:10	An update on the Kimberley Gold Trend	Bob Thompson, Ruby Red Resources Inc
10:10 – 10:30	Coffee	<i>Sponsored by Moose Mountain Technical Services</i>
10:30 – 10:55	The lithochemical architecture of the Purcell Supergroup: the effects of hydrothermal reservoirs	John Lydon, Geological Survey of Canada
10:55 – 11:20	Investigation of the Iron Range deposit and its IOCG-potential	M. Galicki and D. Marshall, Simon Fraser University, R.G Anderson and R. Enkin, Geological Survey of Canada, and C. Downie and C. Gallagher, Eagle Plains Resources Ltd
11:20 – 11:45 pm	Geological setting of sediment-hosted Cu ⁺ /Ag ⁺ /Co in the Purcell Supergroup	Russell Hartlaub, British Columbia Institute of Technology
11:45 – 12:10	Carbonate-hosted base-metal deposits in Cambrian strata deposited on the western cratonic platform and in the adjacent White River Trough	Barry Richards, Geological Survey of Canada
12:10 – 1:00 pm	Lunch	<i>Sponsored by Roca Mines Inc</i>
1:00 – 1:25	Geology and mineral deposits of the Early Cretaceous Spences Bridge Group	Larry Diakow, BC Geological Survey Branch
1:25 – 1:50	Rare earth mineralization in the Wicheeda Carbonatite Complex near Prince George, BC	Chris Graf, Spectrum Mining Corporation, Bob Lane, Plateau Minerals Corp, and Murray Morrison, M.S. Morrison Geological
1:50 – 2:15	Seabridge Gold's Kerr Sulphurets Mitchell (KSM) project in NWBC	Michael J. Lechner, Resource Modeling Inc and Jim Gray, Moose Mountain Technical Services
2:15 – 2:40	Application of HRAM to delineation of Crowsnest coal field	Pavlo Cholach, BP Canada Energy Co

2:40 – 3:00	Coffee	<i>Sponsored by FB Drilling</i>
3:00 – 3:25	Field portable XRF and XRD analysers and the applications and implications for mineral exploration	Chris Gallagher, Jarrod Brown and Glen Hendrickson, Eagle Plains Resources Ltd
3:25 – 3:50	From streak plate to ICP-MS-DRC. A (very) brief history of analytical instrumentation	Ron Cardinal, AGAT Laboratories Ltd
3:50 – 4:15	The role of mineralogy in exploration	Geoffrey Lane, ALS Laboratory Group – Minerals

SOCIAL EVENT 5:00 to 7:00 pm

5:00 to 7:00	<i>East Kootenay Chamber of Mines reception</i>	<i>Sponsored by the Kennedy family Drink ticket courtesy of Baymag Mines Co Ltd</i>
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POSTER AND MAP DISPLAYS (Wednesday and Thursday)

Relationship between the MAX porphyry Mo deposit and peripheral Pb-Zn-Ag deposits	Christopher Lawley, University of Alberta
New 1:50,000-scale maps of the Kananaskis west half map area	Margot McMechan, Geological Survey of Canada
Cross River sills, Rocky Mountains, southeastern British Columbia	Margot McMechan, Bob Anderson, Barry Richards and Bill Davis, Geological Survey of Canada
TGI-3 Cordilleran Project: new maps, data and ideas help stimulate mineral exploration in southern BC	R.G. Anderson, Geological Survey of Canada
New maps and syngenetic sulphide potential of the Lardeau Group near Trout lake	Jamie Kraft, University of Alberta
Prospective trends for Pb-Zn deposits in Cambrian carbonates, southeastern British Columbia	Barry Richards, Geological Survey of Canada
Digital geological compilation of the Purcell Anticlinorium (Sullivan Mine area), southeastern British Columbia: a TGI-3 project	D.A. Brown, Strategic West Energy Ltd
Relevance of aeromagnetic data to revision of geological maps, Purcell Anticlinorium	M.D. Thomas, Geological Survey of Canada and D.A. Brown, Strategic West Energy Ltd
New TGI3 Interactive map products aid exploration in the Purcell Basin	Jamel Joseph, Geological Survey of Canada



DAY FOUR – Friday, October 30

FIELD TRIPS – all field trips leave from the Prestige promptly at 7:30 am

FIELD TRIP I 7:30 am to approximately 3:00 pm (lunch provided)

Elkhorn gypsum mine – CertainTeed Gypsum Canada

FIELD TRIP II 7:30 am to approximately 2:00 pm (lunch provided)

Elkview coal mine – Teck Coal Limited

FIELD TRIP III 7:30 am to approximately 5:00 pm (lunch provided)

Mt. Brussilof magnesite mine – Baymag Inc
