

# International Convention Trade Show & Investors Exchange

**March 2 - 5**

Metro Toronto Convention Centre  
Toronto, Canada

## REGISTRATION BROCHURE

(as at November 11, 2013)



Register today at  
[www.pdac.ca/convention](http://www.pdac.ca/convention)

Early Registration Deadline  
**February 7, 2014**



# 2014

WHERE THE  
WORLD'S MINERAL  
INDUSTRY MEETS

# PDAC 2014

## MESSAGE FROM THE PRESIDENT



The PDAC 2014 Convention is just around the corner and it promises to be outstanding — laden with prospects for learning, engaging and networking with other attendees.

With provocative speakers and informative sessions on everything from financing to new discoveries and geoscience

advances, our convention will once again provide you with exceptional opportunities to explore our industry.

The PDAC 2014 Convention will feature an array of Short Courses and Technical Sessions. New additions include a session that covers strategies for successfully working with BRIC countries (Brazil, Russia, India and China), as well as courses that examine zinc and diamonds, and a keynote session on sharing mineral wealth.

This year we have a new mobile website, allowing you to enhance your ability to navigate the exhibits and sessions, and build your schedule in advance. Furthermore, attendees have the option of booking one of our presentation rooms during the convention to launch a product, meet clients, or for any type of presentation.

Visit our convention website for all the details about PDAC 2014 ([www.pdac.ca/convention](http://www.pdac.ca/convention)).

I look forward to seeing you there!



Glenn Nolan


## PLANNING COMMITTEE

**Peter Legein** Legein Consulting Inc. (Chair)  
**Charles Beaudry** Xmet Inc.  
**Ian Blakley** RPA UK  
**James Brown** Osler, Hoskin & Harcourt LLP  
**Donald Bubar** Avalon Rare Metals Inc.  
**Andy Chater** Andy Chater Exploration  
**David Christie** Goodman Investment Counsel  
**David Davidson** Paradigm Capital Inc.  
**Heather Douglas** Consultant  
**Catherine Gignac** Catherine Gignac and Associates  
**Alexander Grandsen** Kinross Gold Corporation  
**Barbara Hendrickson** Ormiston List Frawley LLP  
**Neil Gow** Consultant  
**David Gower** Coastal Gold Corp.  
**Joe Hinzer** Watts, Griffis and McQuat Limited  
**Daryl Hodges**  
**Greg Hodges** CGG Airborne  
**Susan Ma** Jacobs  
**Bill Mercer** Avalon Rare Metals Inc.  
**John Morganti** Morganti Advisers Inc.  
**Glenn Nolan** Noront Resources Ltd.  
**Eric Owens** Alexandria Minerals Corporation  
**Spencer Ramshaw** CAMESE  
**Santo Ranieri** Paradigm Capital Inc.  
**Ted Reeve** Haliburton Mineral Services Inc.  
**David Ross** RPA Inc.  
**Robert Schafer** Hunter Dickinson Inc.  
**Patricia Sheahan** Consultant  
**James Siddorn** SRK Consulting Canada Inc.  
**Patricia Stirbys** OneWorld Workforce Solutions  
**John Sullivan** Excellon Resources Inc.  
**Bob Valliant** Tri Origin Exploration Ltd.  
**Stephen Wallace** Jourdan Resources Inc.  
**Roger Wallis** Roger Wallis & Associates

## ALL ATTENDEES MUST REGISTER FOR A BADGE

**New for 2014!** From investors to media, all convention attendees must register for a badge. You may pre-register or register onsite. Onsite badge pickup and the registration desks are located at the Metro Toronto Convention Centre, South Building, Level 600. You will not be permitted beyond Level 600 security without a badge.

For registration passes and fees, visit [www.pdac.ca/convention/attendee-information/registration](http://www.pdac.ca/convention/attendee-information/registration). Further information can also be found on the registration form in this brochure.

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# Registration

## ABOUT CONVENTION

[www.pdac.ca/convention](http://www.pdac.ca/convention)

Prospectors & Developers Association of Canada  
135 King St E  
Toronto, ON M5C 1G6  
Canada  
(E) [convention@pdac.ca](mailto:convention@pdac.ca)  
(T) +1 416 362 1969  
(F) +1 416 362 0101

## ABOUT REGISTRATION

PDAC Registration Department  
(E) [pdac@pdacevents.ca](mailto:pdac@pdacevents.ca)  
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PDAC onsite registration  
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**Early Registration Deadline February 7, 2014**

## HOTEL ACCOMMODATION

For the most current information about  
hotel availability visit  
[www.pdac.ca/convention/attendee-information/hotels](http://www.pdac.ca/convention/attendee-information/hotels).

Please reserve directly with the hotel of your choice  
as soon as possible. When making your reservation,  
indicate that you will be attending the Prospectors &  
Developers Association of Canada's 2014 Convention.

## HOW TO REGISTER



[www.pdac.ca/convention](http://www.pdac.ca/convention)



+1 647 352 3198



PDAC Registration Department  
135 King St E  
Toronto, ON M5C 1G6  
Canada

## PROGRAMS AND NETWORKING EVENTS

### Metro Toronto Convention Centre (MTCC)

#### South Building

222 Bremner Blvd, Toronto

[www.mtccc.com](http://www.mtccc.com)

Aboriginal Program  
Capital Markets Program  
Core Shack  
Corporate Presentation Forum for Investors  
CSR Event Series  
Letter Writer Presentations for Investors  
Innovation Forum  
Investors Exchange  
Luncheons & Keynote Speakers  
Open Session  
Presentation Rooms (MTCC, North Building)  
Prospectors Tent  
Reception Rooms (MTCC, North Building)  
Short Courses and Workshops  
Student Program  
Technical Program  
Trade Show

### Fairmont Royal York

100 Front St W, Toronto

[www.fairmont.com](http://www.fairmont.com)

Awards Evening  
Gala Party  
Life Member Luncheon (by invitation only)  
Media Reception (by invitation only)  
Mining Night  
PDAC-CMIC-SEG Canada Student Minerals Colloquium  
President's Reception (by invitation only)  
S-IMEW Alumni Reception (by invitation only)  
Welcome Reception

## WHO ATTENDS

Analysts  
Bankers  
Brokers  
Consultants  
Exploration managers  
Financiers  
Geoscientists  
Government & geological survey representatives  
Institutional investors  
International delegations  
Junior & senior company personnel  
Lawyers  
Media  
Mining association representatives  
Mining executives  
Mining service sector representatives  
Prospectors  
Students

# Technical Program

## South Building, Level 700

(unless otherwise noted)

Sponsored by



**AGNICO EAGLE**

(Monday – Wednesday AM sessions)

## SUNDAY, MARCH 2 AFTERNOON

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### Commodities and market outlook

#### North Building, John Bassett Theatre

Sponsored by **Raymond James Ltd.,  
RBC Capital Markets & Scotiabank**

1:00 – 5:00 pm

Chairs: Santo Ranieri, Paradigm Capital Inc., Toronto  
& Terry Ortslan, TSO & Associates, Montreal, Canada

**The view from the bottom**, David Harquail, Franco-  
Nevada Corporation, Toronto, Canada

**China: Commodities and currencies**, Yan Wang,  
BCA Research Inc., Montreal, Canada

**Gold: Where to from here?** Martin Murenbeeld,  
DundeeWealth Economics, Victoria, Canada

**Market outlook for 2014: The changing face of  
demand**, Phil Newman, CRU Strategies, London,  
England

**Silver and PGMs outlook**, Jeffrey Christian, CPM  
Group LLC, New York, USA

**Despicable Ni: Challenges for a challenging  
industry**, Andrew Mitchell, Wood Mackenzie Ltd.,  
London, England

**Uranium market outlook**, Tim Gabruch, Cameco  
Corporation, Saskatoon, Canada

**Agriculture and fertilizer situation and outlook**,  
Jason Newton, Agrium Inc., Calgary, Canada

**China's demand for copper shows "little resis-  
tance"**, Shaun Browne, AME Group, Hong Kong, China

### Current developments in financial markets and public disclosure

1:00 – 3:30 pm

Chairs: Denis Frawley, Ormston List Frawley LLP  
& Greg Ho Yuen, Colossus Minerals Inc., Toronto,  
Canada

**Cross-border equity and debt financings**,  
Guy Lander, Carter Ledyard & Milburn LLP,  
New York, USA

**Shareholder activism: Are you prepared for an  
activist approach?** Glenn Keeling,  
CST Phoenix Advisers, Toronto, Canada

**Trends in cross-border mining sector M & A  
transactions**, Bram Walters, Standard Chartered,  
Toronto, Canada

**Comparison of mining technical disclosure  
standards in Canada and the USA**, Greg Gosson,  
AMEC, Vancouver, Canada

**Recent developments in securities enforcement**,  
Alistair Crawley, Crawley MacKewen Brush LLP,  
Toronto, Canada & Christopher Barry, Dorsey &  
Whitney LLP, Seattle, USA

### Maximizing company profits and growth by acquisition

1:00 – 3:30 pm

Chairs: John Morganti, Morganti Advisers Inc. & Bob  
Schafer, Hunter Dickinson Inc., Vancouver, Canada

**Evolution of the new business model: The royalty  
generator**, David Cole, Eurasian Minerals Inc.,  
Littleton, USA

**The value of due diligence: Diamonds and rust**,  
Larry Smith, AMEC, Reno, USA

**Field evaluations: Before, during and after**,  
Tom Garagan, B2Gold Corp., Vancouver, Canada

**How to finance acquisitions in challenging  
markets**, David Cobbold, Macquarie Capital Markets  
Canada, Toronto, Canada

**Acquisition structures and other legal consider-  
ations when purchasing a mineral project**, Darrell  
Podowski, McMillan LLP, Vancouver, Canada

**How to land a value-added acquisition**, Paul Coni-  
bear, Lundin Mining Corporation, Toronto, Canada

## MONDAY, MARCH 3 MORNING

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### Opening Ceremonies

#### North Building, John Bassett Theatre

8:30 – 9:15 am

Glenn Nolan, PDAC President and welcoming  
remarks from the Honourable Joe Oliver, Minister,  
Natural Resources Canada

### Keynote session: Sharing mineral wealth

#### North Building, John Bassett Theatre

9:20 – 11:30 am

Chairs: Peter Legein, Legein Consulting Inc., Toronto  
& Stephen Wallace, Jourdan Resources Inc., Dundas,  
Canada

**Partnership and prosperity**, Bob Rae, Matawa Tribal Council, Toronto, Canada

**Governing natural resources for Africa's socio-economic and security development**, Hany Besada, Carleton University, Ottawa, Canada

**Aboriginal empowerment in the resource sector**, Bill Gallagher, Strategist, Waterloo, Canada

**Sharing mineral wealth in Canada's North**, The Honourable Leona Aglukkaq, Minister of the Environment, Iqaluit, Nunavut

**The Fraser Institute annual survey of mining company executives**, Ken Green, The Fraser Institute, Calgary, Canada

### Geometallurgy: The critical link between the deposit and the mill

9:00 am – 12 noon

Chairs: Charles Beaudry, Xmet Inc., Toronto & Giovanni Di Prisco, Terra Mineralogical Services Inc., Peterborough, Canada

**Geometallurgy: Where did it come from and what next?** Steve Williams, Pasinex Resources Limited, Ennismore, Canada

**Sampling a deposit for sizing a grinding circuit: Who's responsible?** Ken Major, KWM Consulting Inc., Maple Ridge, Canada

**Geometallurgical modelling of the Dumont deposit**, Johnna Muinonen, Royal Nickel Corporation, Sudbury, Canada

**Geometallurgical characterization of iron ore to predict metallurgical performance**, Hugh de Souza, SGS Canada Inc., Toronto, Canada

**Geometallurgical study of the hypogene ore at Minera Carmen de Andacollo, Chile**, Nichola McKay, Teck Metals Ltd., Trail, Canada

**Geomet: An integrative mineral platform that adds to project value**, Karin Olson Hoal, JKTech Pty Ltd., Denver, USA

### Human resource opportunities and challenges in prospecting and mining

9:00 – 11:30 am

Chairs: Jim Madder, Confederation College, Thunder Bay & Patricia Stirbys, OneWorld Workforce Solutions, Toronto, Canada

**Human resource opportunities and challenges in prospecting and mining**, Jim Madder, Confederation College, Thunder Bay, Canada

**Teamwork in drilling: Working together with communities**, Barb Courte Elinesky, Northstar Drilling Ltd., Thunder Bay, Canada

**Increasing workforce diversity through collaboration and partnership**, Ryan Montpellier, Mining Industry Human Resources Council, Ottawa, Canada

**Yukon College's Centre for Northern Innovation in Mining: Building a sustainable workforce**, Karen Barnes, Yukon College, Whitehorse, Canada

**Diversity works in the Ring of Fire**, Leanne Hall, Noront Resources Ltd., Toronto, Canada

### Working with BRIC countries: Exploration, operation and investment

9:00 am – 12 noon

Chairs: James Siddorn, SRK Consulting Canada Inc. & Joe Hinzer, Watts, Griffis & McOuat Limited, Toronto, Canada

**Role of BRIC countries (especially China) in the global mining industry**, Patricia Mohr, Scotiabank, Toronto, Canada

**The development of mineral projects in the Brazilian Amazon: Challenges and opportunities**, Marcio Godoy, Vale, Belo Horizonte, Brazil

**Gold mining in Russia: Kinross Gold's investments and operations in a challenging policy environment**, Lou Naumovski, Kinross Gold Corporation, Moscow, Russia

**Mineral exploration development in India: Past, present and future**, Desh Sikka, Cabinet Conseil en Géologie Minière Enr, Montreal, Canada

**Chinese national reporting standards for exploration and mineral resources: A Western (CRIRSCO) perspective**, Matt Greentree, SRK Consulting, Perth, Australia

**Brazil: On the way to resource nationalism**, Jones Belther, Votorantim Metais, São Paulo, Brazil

## MONDAY, MARCH 3 AFTERNOON

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### Wealth in weathered rocks

2:00 – 5:00 pm

Chairs: Charles Butt, CSIRO, Perth, Australia & Stephen Enders, Eurasian Minerals Inc., Denver, USA

**Weathering, regolith development and the formation of secondary ore deposits**, Charles Butt, CSIRO, Perth, Australia

**The need to go under cover for future high-grade Mn-Fe resources**, Jens Gutzmer, Helmholtz Institute Freiberg for Resource Technology, Freiberg, Germany

# Technical Program

**Copper in the weathering environment: Enrichment or depletion?** Stephen Enders, Eurasian Minerals Inc., Denver, USA

**Supergene non-sulfide zinc ores: State of the art,** Maria Boni, Università di Napoli, Napoli, Italy

**Nickel laterite exploration,** Paul Golightly, Golightly Geoscience, Sudbury, Canada

**Formation of secondary gold deposits in the regolith,** Ravi Anand, CSIRO, Perth, Australia

**Exploring deeply weathered terrains: Tips, tricks and treasury preserving techniques,** Simon Bolster, Gyphon Minerals Ltd., Perth, Australia

**Key issues affecting the time delay between discovery and development,** Richard Schodde, MinEx Consulting Pty Ltd, Melbourne, Australia

**The Hope Bay project: Exploring and developing an emerging gold camp,** Catharine Farrow, TMAC Resources Inc., Toronto, Canada

**Completion risk: Why building a mine on budget is so rare,** Christopher Haubrich, Resource Capital Funds, Denver, USA

**Risks in NI 43-101 compliance: The 2012 technical report review,** James Whyte, Ontario Securities Commission, Toronto, Canada

## Diamonds: Where do we go next?

2:00 – 4:30 pm

Chairs: Patricia Sheahan, Consultant, Toronto & Jennifer Pell, Peregrine Diamonds Ltd., Vancouver, Canada

**World-class deposits: Can we find them or are there no more?** Mike de Wit, Delrand Resources (Pty) Ltd., Pretoria, South Africa

**Diamond exploration in the USA,** Howard Cooper-smith, Coopersmith & Associates, Fort Collins, USA

**Diamonds in Brazil: Finally showing their potential,** Ken Johnson, Lipari Mineracao Ltda, Salvador, Brazil

**Arabian diamonds: From North Africa to the Arabian Peninsula,** Felix Kaminsky, KM Diamond Exploration Ltd., Vancouver, Canada

**New advances in kimberlite exploration geophysics,** Anre Vorster, De Beers Exploration, Johannesburg, South Africa

**Indicator minerals in diamond exploration: An update on contemporary best practices,** Herman Grutter, MPR Consulting, Vancouver, Canada

## Mineral economics: Approaches to understanding and managing uncertainty and risk

2:00 – 5:00 pm

Chairs: Heather Douglas, Consultant, Calgary, Canada & Graham Davis, Colorado School of Mines, Golden, USA

**In search of the elusive value curve,** Jamie Holman, OppenheimerFunds, New York, USA

**The proper use of forecasts in the metals and mining industries,** Jeffrey Christian, CPM Group LLC, New York, USA

**Gold mining in emerging Africa: Challenges and opportunities,** Mark Bristow, Randgold Resources Limited, Jersey, Channel Islands

## TUESDAY, MARCH 4 MORNING

### Peruvian porphyry copper belts and deposits

9:00 am – 12 noon

Chairs: Neil Gow, Consultant, Toronto, Canada & Miguel Cardozo, Alturas Minerals Corp., Lima, Peru

**Peru: A premier copper region – overview of its main porphyry copper belts,** Miguel Cardozo, Alturas Minerals Corp., Lima, Peru

**The Cerro Verde porphyry Cu-Mo deposit, Peru: A geologic summary of hypogene and supergene mineralization,** Ralph Stegen, Freeport McMoran Copper & Gold Inc., Arizona, USA

**Geology of Antapaccay-Tintaya-Coroccohuayco porphyry/skarn district,** Luis Rivera, Glencore Xstrata plc., Lima, Peru

**Geology, one reason Hudbay is in Peru: Constan- cia porphyry highlights,** Cashel Meagher, Hudbay Minerals Inc., Lima, Peru

**Geology of the La Granja porphyry copper deposit,** Angel Paredes, Rio Tinto, Lima, Peru

**Geology of the Antamina skarn deposit,** Speaker to be announced, Compania Minera Antamina S.A., Lima, Peru

### Jackpot at 2200 Ma West Africa

9:00 am – 12 noon

Chairs: Greg Hall, Golden Phoenix International, Perth, Australia & Ian Blakley, RPA UK, London, England

**Birimian gold systems across the West African craton,** John Miller, The Centre for Exploration Targeting, University of Western Australia, Perth, Australia

**The Wassa gold mine: An Eoeburnean deposit within the Ashanti belt,** Yan Bourassa, Golden Star Resources Ltd., Toronto, Canada



**The Tarkwa paleoplacer deposit, Ghana**, Rael Lipson, RDLGEO Consulting, Englewood, USA

**Geology and structural setting of the Essakane gold deposit, Burkina Faso, West Africa**, Benjamin Allou, IAMGOLD Corporation, Ouagadougou, Burkina Faso

**Geology-based modelling of the Damang gold deposit, Ghana**, Matt Briggs, Gold Fields Exploration, Perth, Australia

**Gold mineralization at Chirano mine, Ghana**, Graeme Davis, Kinross Gold Corporation, Reno, USA

## TUESDAY, MARCH 4 AFTERNOON

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### Abitibi breaks

2:00 – 5:00 pm

Chairs: Catherine Gignac, Catherine Gignac and Associates & John Sullivan, Excellon Resources Inc., Toronto, Canada

**South Younging Abitibi regional faults, supra-crustal assemblages and controls on gold**, John Ayer, Mineral Exploration Research Centre, Laurentian University, Sudbury, Canada

**The Abitibi breaks: Syn-orogenic extensional faults inverted as thick-skinned thrusts**, Wouter Bleeker, Geological Survey of Canada, Ottawa, Canada

**Re-evaluation & development of an exploration strategy within a mature gold-producing district**, Douglas Cater, St. Andrew Goldfields Ltd., Toronto, Canada

**Controls of syenite-hosted gold mineralization at the Timmins West area**, Randy Campbell, University of Western Ontario, London, Canada

**Contrasting styles of gold mineralization of common tectonic origin, Abitibi-Wawa subprovince**, Shoufa Lin, University of Waterloo, Waterloo, Canada

**Geology, structure and mineralogy of the Young-Davidson gold deposit, Matachewan, Ontario**, Chris Rockingham, AuRico Gold Inc., Toronto, Canada

**Geology and mineral potential of the Malartic area, Abitibi greenstone belt: A new look**, Pierre Pilote, Ministère des Ressources naturelles du Québec, Montreal, Canada

### Geophysics

2:00 – 5:00 pm

Chairs: Jean Legault, Geotech Ltd., Aurora & Greg Hodges, CGG Airborne Surveys, Toronto, Canada

**Geophysical exploration for porphyry Cu deposits: Southwest United States and Northern Mexico**, Mark Thoman, Freeport-McMoran Exploration, Tucson, USA

**The application of geophysics for exploration in the cordillera of North America**, Richard Smith, Laurentian University, Sudbury, Canada

**3D seismic imaging of VMS deposits: Halfmile Lake and Lalor Lake, Canada**, Gilles Bellefleur, Natural Resources Canada, Ottawa, Canada

**3D AEM inversion for delineating sub-vertical shear zones in West Africa**, Magdel Combrinck, Tau Geophysical Consultants, Calgary, Canada

**Airborne IP is coming**, James Macnae, RMIT University, Melbourne, Australia

**Caveat emptor: A geophysicist's perspective on successful interpretation**, Joel Jansen, Teck Resources Limited, Vancouver, Canada

**Regional airborne geophysical assessment of the Selwyn Basin area, Yukon-NWT**, Ken Witherly, Condor Consulting, Inc., Lakewood, USA

### Zinc

2:00 – 5:00 pm

Chairs: Robert Valliant, Tri Origin Exploration Ltd., Aurora & Alan Galley, Canadian Mining Innovation Council, Ottawa, Canada

**Zinc production and geologic settings as exploration guides for major deposits**, Donald Singer, Consultant, Cupertino, USA

**The Garpenberg deposit in Sweden**, Pierre Heeroma, Boliden, Stockholm, Sweden

**Peru: A zinc producing country with a large potential to explore**, Jones Belther, Votorantim Metais, São Paulo, Brazil

**Neves-Corvo and the Iberian Pyrite Belt: Facts, questions and future**, Jorge Relvas, University of Lisbon, Lisbon, Portugal

**Zinc-rich volcanogenic massive sulfide (VMS) deposits**, Steve Piercey, Memorial University, St. John's, Canada

**From leading plate margin to continent interior: Genesis of Zn-Pb deposits in the Canadian Cordillera**, Suzanne Paradis, Natural Resources Canada, Sidney, Canada

**Northeast Australia zinc: Resource growth in the world's richest zinc province**, Nick Hayward, Teck Australia Pty Ltd, Perth, Australia

# Technical Program

## WEDNESDAY, MARCH 5 MORNING

### South Africa: An anniversary, new challenges and opportunities

9:00 am – 12 noon

Chair: Neil Gow, Consultant, Toronto, Canada

#### Ini indaba, South Africa? Cursed with resources?

Paul Burton, Piran Mining Research Ltd., London, England

#### Building and discovering competitive PGM mines in South Africa

Michael Jones, Platinum Group Metals Ltd., Rustenburg, South Africa

#### Geology of Ivanhoe Mines' Platreef discovery, northern limb of South Africa's Bushveld Complex

Tim Dunnett, Ivanhoe Mines Ltd., Mokopane, South Africa

#### Innovating deep-level mining through collaboration

Shaun Newberry, AngloGold Ashanti Limited, Johannesburg, South Africa

#### Time for change: Five systemic challenges facing mining in South Africa

Marinda van der Merwe, ERM Group, Inc., Johannesburg, South Africa

### Alternative financing sources for junior resource companies

9:00 am – 12 noon

Chairs: Jean-Pierre Colin, Capital Markets Strategies, Collingwood & Stephen Stewart, Minerx Inc., Toronto, Canada

#### Investment criteria for royalty financing of mineral development assets

Abraham Drost, Mega Precious Metals Inc., Toronto, Canada

#### Financing exploration/development in turbulent markets: Blackrock Metals

Sean Cleary, Blackrock Metals Inc., Toronto, Canada

#### Developing roads & power projects under a public-private partnership with communities

Suzanne Leclair, Connect Counsel, Timmins, Canada

#### International financing options for Canadian juniors

Erin Chutter, Global Cobalt Corporation, Vancouver, Canada

#### Private equity in the mining sector

Caroline Donally, Denham Capital Management LP, Houston, USA

#### The role of private equity in mine financings

Ross Bhappu, Resource Capital Funds, Denver, USA

### Specialty metals and industrial minerals

9:00 am – 12 noon

Chairs: Don Bubar, Avalon Rare Metals Inc. & Don Hains, Hains Engineering Co. Ltd., Toronto, Canada

#### Seymourville frac sand project

Charles Gryba, Claim Post Resources Inc., Seymourville, Canada

#### Greenland: A new source of anorthosite for e-glass, alumina and fillers

Jamie Tuer, Hudson Resources Inc., Vancouver, Canada

#### Overview of the Woodstock manganese deposits, New Brunswick, Canada

Warren MacLeod, Minco PLC, Windsor, Canada

#### Carnallite: The new age of potash

Robin Phinney, Karnalyte Resources Inc., Okotoks, Canada

#### Ti-Zr mineral sands in Brazil and Uruguay

Luiz Bizzi, Rio Grande Mineração S.A., Brasilia, Brazil

#### The Separation Rapids lithium minerals project, Ontario: Targeting new markets in glass and ceramics

Pierre Neatby, Avalon Rare Metals Inc., Toronto, Canada

### New discoveries and developments

9:00 am – 12 noon

Chairs: Charles Beaudry, Xmet Inc. & Bill Mercer, Avalon Rare Metals Inc., Toronto, Canada

#### Albany 'ultra-high purity' graphite (hydrothermal) deposit

Aubrey Eveleigh, Zenyatta Ventures Ltd., Thunder Bay, Canada

#### The Cerrado Verde Potash project in Brazil

Cristiano Veloso, Verde Potash plc, Belo Horizonte, Brazil

#### The Balboa discovery: A 600 Mt porphyry copper deposit in the Cobre Panama cluster

Colin Burge, First Quantum Minerals Ltd., Vancouver, Canada

#### Kennedy North diamond discovery

Patrick Evans, Kennady Diamonds Inc., Toronto, Canada

#### Advancing Canada's newest gold district:

The Borden gold project, David Palmer, Probe Mines Limited, Toronto, Canada

Sponsored by



**AGNICO EAGLE**

(Monday – Wednesday AM sessions)



# Short Courses and Workshops

Space is limited for all short courses and workshops. Register early to avoid disappointment. All short courses will take place at the MTCC, South Building.

PDAC reserves the right to cancel short courses that do not meet minimum attendance requirements. To qualify for student rates you must be a student member of PDAC and enrolled full time in a recognized academic program. Student spaces are limited.

The Association of Professional Geoscientists of Ontario (APGO) considers participation by its members in these courses as acceptable Continuing Professional Development activities.

## 1. Exploration geochemistry: Extracting knowledge from data

**Friday, February 28**      **8:00 am – 4:00 pm**

**Organizer:** Reflex Geochemistry (ioGlobal)

This course provides attendees with techniques to interpret their geochemical data effectively, by extracting knowledge about geochemical and geological processes and their controls on the distribution of elements in rocks, soils and other sample media.

Industry and government bodies spend considerable resources to acquire geochemical data that can yield a great deal of information when used to their full potential. However, these datasets often receive only a cursory appraisal focused on recognizing first-order anomalies, due to a lack of time or appropriate skills to effectively interrogate the data. Geochemical processes and controls can cause secondary element enrichments in the surface environment, which are often not recognized as such, leading to fruitless expenditure on “false anomalies” while more subtle anomalies that are actually related to mineralization can be missed.

The geochemical data themselves can pose another challenge. Many datasets consist of multiple generations of data and may include data from multiple labs and multiple analytical methods. The complexity of such datasets, combined with inadequate appraisal, can lead to severe interpretation errors or the application of inappropriate techniques for data analysis. Recognition of these issues and the use of proper data-analysis techniques can ensure confidence in the results and maximize the value extracted from your data.

This day-long course is designed for anyone who works with geochemical data at any stage from exploration through to planning and production.

Key concepts include:

1. Fit-for-purpose data and assessing the impact of data quality on interpretation
2. The application and benefits of Exploratory Data Analysis (EDA) to determine geochemical trends and identify clusters and outliers

3. Univariate through multivariate statistical techniques applied to geochemistry
4. Advanced data interpretation including: data levelling, regressions, principal component analysis, canonical variate analysis, decision trees, cluster analysis, etc.
5. Illustration of these techniques using real-world examples and case studies

### Presenters:

David Lawie, Reflex Geochemistry  
Lynda Bloom, Analytical Solutions Ltd.  
Pim van Geffen, Reflex Geochemistry

### Course Fee

(includes course material, lunch and refreshments)

Early rate			
Member	\$399	Non-member	\$499
Regular rate			
Member	\$599	Non-member	\$699
Student rate	\$199		

## 2. Health and safety in mineral exploration

**Friday, February 28**      **8:30 am – 4:30 pm**

**Organizer:** Bill Mercer, Avalon Rare Metals Inc.

The objective of the course is to give participants sufficient training that they can understand the following:

- What the typical risks are in mineral exploration
- Completion of an elementary risk assessment of a task
- Investigation an accident
- Collection, compilation and understanding of health and safety statistics
- At a high level, how health and safety can and should be administered
- What the special risks are around drilling (accidents) and helicopters (fatalities)

The participants, if from a small company, will have enough information to start a health and safety (H&S) program, if such does not exist. If from a larger company, they will understand better what the company program is attempting to achieve, and also some specific technicalities of risks around drill-

# Short Courses and Workshops

ing and helicopters. The course is targeted at those active in mineral exploration in the field, although management aspects of H&S will also be covered.

## Presenters:

Bill Mercer, Avalon Rare Metals Inc.  
Buck Page, ERM Rescan  
Mark Wiseman, Avalon Rare Metals Inc.  
Brian Maeck, Boart Longyear Limited  
Corey Taylor, Great Slave Helicopters

## Course Fee

(includes course material, lunch and refreshments)

Early rate			
Member	\$399	Non-member	\$499
Regular rate			
Member	\$599	Non-member	\$699
Student rate	\$199		

## 3. Understanding and running an effective QA/QC program

**Friday, February 28**      **9:00 am – 4:30 pm**

**Organizer:** Todd McCracken, WSP Canada Inc.

Your project has a QA/QC program, but is it effective and does it meet the standards of best industry practice? This full-day course examines various components of an effective QA/QC program, and will concentrate on how to set up and run a program in the real world.

Topics will include database management, drill programs (RC and diamond drill core), core logging, and an in-depth look at analytical QA/QC, including how to select a laboratory and the use of blanks, duplicates and standards in the program.

Real examples of effective programs will be presented to the group with an active discussion on what should be considered minimum requirements. Tricks of the trade and cost effective solutions will be presented throughout the course. Participants will be encouraged to engage in discussions throughout the course.

## Course Fee

(includes course material, lunch and refreshments)

Early rate			
Member	\$399	Non-member	\$499
Regular rate			
Member	\$599	Non-member	\$699
Student rate	\$199		

## 4. Exploration in deeply weathered terrains: Basic to advanced concepts and pragmatic techniques

**Friday, February 28**      **8:30 am – 5:00 pm**

**Saturday, March 1**      **8:30 am – 5:00 pm**

**Organizers:** SEG and Simon Bolster, Gryphon Minerals Limited

Effective mineral exploration in regolith dominated terrains, where bedrock can be deeply weathered, masked beneath soil, lateritic weathering profiles or transported overburden, requires different techniques and approaches compared to, for example, exploration in mountainous terrain or the tundra. Geologists and exploration managers frequently face considerable challenges when they explore regolith dominated terrains, especially if they were trained in temperate areas of the world. Frequently asked questions are: What should we sample? What depth should we sample? What is the optimum sample density? How do we map the geology and regolith? How do we interpret the geochemistry? What is anomalous? What remote sensing or drilling techniques should we use?

Over the last 30 years a considerable amount of research has been completed by CSIRO / CRC LEME in Australia to document, study and understand commonly encountered regolith exploration issues. Contemporaneously there have been advances within the exploration industry to tackle the regolith factor resulting in pragmatic techniques and systems being developed.

This short course is intended for exploration geologists, geochemists and managers. It will involve a combination of lectures and practical sessions by highly renowned and respected industry practitioners and researchers with combined experience in excess of 90 years. The course is intended to introduce and advance ideas rarely taught elsewhere so that attendees can leave with fresh ideas and skills that will assist in tackling problems often encountered when exploring regolith dominated terrains. The workshop will draw upon examples and data from Australia, Africa and South America.

## Presenters:

Simon Bolster, Gryphon Minerals Limited  
Charles Butt, CSIRO  
Ravi Anand, CSIRO

## Course Fee

(includes course material, lunches and refreshments)

Early rate			
Member	\$699*	Non-member	\$799
Regular rate			
PDAC or SEG Member	\$899*	Non-member	\$999
Student rate	\$359		

\*To qualify for this rate you must be a member of PDAC or SEG

## 5. Significant deposits of metals with emphasis on new types and future outlook

**Friday, February 28** 9:00 am – 5:00 pm

**Saturday, March 1** 9:00 am – 5:00 pm

**Organizer:** Peter Laznicka, Consultant & Adelaide University

Most significant mineral discoveries have been made using the time-tested technique of looking for analogues of known major deposits (the look-alikes of Sig Muessig), in permissible setting. This technique will be with us at least throughout this century and many new developments will be at, near, or below earlier mines, prospects or showings although a significant number of new discoveries will be in the greenfield setting and increasingly under cover. Despite the ever more sophisticated exploration instrumentation and models, success will still rest on "geologist's ability to recognize new opportunity" (Sillitoe, 2010). It thus makes sense to review, from time to time, the factual knowledge about the significant (especially giant and world-class) metallic deposits, especially how they look, what the visual indicators of ore presence in the field and in drill core are, where they are, how they have been found, and where to look for possible equivalents and also for hitherto unrecognized ore types.

This course will, in six 90-120 minute sessions, review the significant deposits of Fe-Mn, Au, Cu, Ni (Cr, PGE), Pb-Zn-Ag, U-Th and IOCG, and the "new technology" group of Li, REE and Ta-Nb. Their geotectonic setting will be summarized, each day, in two 30-minute lectures: devoted, in the first day, to the oceanic-continent margin setting, and in the second day to intracratonic settings. Each day will end up with 60 minutes of questions and answers and a discussion session, or, if the participants so prefer, by one hour of "Silver in depth" and "Fringe and lesser metals: Sb,As,Hg,Te" lectures.

This course targets geologists, exploration and mining practitioners, managers and investors and follows the "eyewitness" approach supported by on-site experience at ~3,500 deposits in ~85 countries.

**Course Fee**  
(includes course material, lunches and refreshments)

Early rate			
Member	\$599	Non-member	\$699
Regular rate			
PDAC	\$799	Non-member	\$899
Student rate	\$299		

## 6. Novel applications of borehole imaging technology: Techniques for acquisition and interpretation

**Saturday, March 1** 8:00 am – 4:30 pm

**Organizer:** DGI Geoscience Inc.

Chair: Vince Gerrie, DGI Geoscience Inc.

This one-day short course will provide geologists, engineers and project managers with the confidence to implement in-situ methods for data acquisition, interpretation and application along with successful workflow integration for structural, resource, geo-technical, construction and environmental mining projects. It will also provide insight for all participants including consulting and engineering firms into the latest techniques, technology and applications for borehole imaging.

Calipers, borehole cameras, acoustic and optical televiewers and the latest technologies for measuring and imaging mining boreholes will be examined as these provide a unique opportunity to visualize, orient and measure borehole features in situ while under naturally occurring pressure, temperature, hydrogeological constraints and stress conditions, independent of core recovery.

The course will expose participants to the expanding uses of the technology including field data acquisition, data interpretation and cost saving applications through case studies and exercises by leading mining companies, service providers and engineering firms.

Participants will learn how to acquire and how to interpret the borehole imaging data, by learning the methods, applications and value provided at all phases from exploration through to mine development. They will experience the latest real-world applications with technical relevance; as well as the potential for quicker project advancement and cost savings.

Please note that borehole techniques examining formational response are not included in this short course.

**Course Fee**  
(includes course material, lunch and refreshments)

Early rate			
Member	\$399	Non-member	\$499
Regular rate			
Member	\$599	Non-member	\$699
Student rate	\$199		

# Short Courses and Workshops

## 7. Primary diamond deposits: Information required to support robust business decisions related to project acquisition and investment

**Saturday, March 1 8:00 am – 5:00 pm**

**Organizers:** SRK Consulting and Friends

Many opportunities currently exist for the acquisition of diamond properties globally. These include projects ranging from early stage exploration plays with limited data to projects with classified resources waiting to be developed. In addition there are many active and inactive mines that are changing hands. Both the quality and quantity of data associated with these projects are highly variable and, in many cases, incomplete. Evaluating primary diamond deposits for the purpose of acquisition or investment is challenging; however, the next mines are waiting to be discovered, and in some cases rediscovered.

This course is structured to be of interest to senior management teams and those individuals involved in assessing the potential of primary diamond projects. Rather than presenting detailed technical information related to kimberlites, this session will focus more on summarizing key criteria that must be taken into consideration when reviewing project data. It is assumed that participants will have some background in kimberlite exploration and evaluation.

Topics to be covered will include recent advances in the description, classification and interpretation of primary deposits, as well as the development of the geology models used to guide and direct evaluation and mining of kimberlites. Many of the tools used to discover and evaluate these deposits will be covered, as well as mining methods. The tools covered will include diamond data, geochemistry, sampling, volcanology, structural geology, mantle geology and geostatistics.

The course will include a practical component that will be designed to challenge participants' grasp on the criteria being presented. This practical session will also facilitate the development of individual evaluation criteria by participants investigating projects within a particular region of interest.

### **Presenters:**

Jarek Jakubec, SRK Consulting  
George Read, Shore Gold Inc.  
Wayne Barnett, SRK Consulting  
Barbara Scott Smith, Scott-Smith Petrology /  
University of British Columbia  
Casey Hetman, SRK Consulting  
Herman Grutter, MPR Consulting  
Mike Johnson, SRK Consulting  
Darrell Farrow, GeoStrat Consulting Services Inc.  
Tom Nowicki, Mineral Services Canada Inc.  
Tony George, Lucara Diamond Corp.

### **Course Fee**

(includes course material, lunch and refreshments)

Early rate			
Member	\$399	Non-member	\$499
Regular rate			
Member	\$599	Non-member	\$699
Student rate	\$199		

## 8. Investment fundamentals: Understanding mineral exploration and resource development and the relationship to company stock prices

**Saturday, March 1 8:30 am – 5:00 pm**

**Organizer:** Michael Fowler, Loewen, Ondaatje, McCutcheon Limited

First offered in 2006 as an introductory course for junior and mid-capitalization mining investors, the investment fundamentals course is PDAC's longest running workshop. It now includes a section on the various types of discounted cash flow (DCF) calculations and real option pricing.

The course will appeal to both beginner and experienced investors who want to familiarize themselves with the basics of mineral exploration, resource development and mining techniques, as well as the various quantitative evaluation techniques that can be used to determine the value of a project and its relationship to a company's stock price.

Improve your investment skills by taking this course which includes presenters from mining companies, consulting firms and the brokerage community.

### **Presenters:**

Michael Fowler, Loewen, Ondaatje,  
McCutcheon Limited  
James Whyte, Ontario Securities Commission  
Bill Roscoe, RPA Inc.  
Lawrence Smith, Barrick Gold Corporation  
Rick Lambert, RPA USA Ltd.  
Michael Samis, Ernst & Young

### **Course Fee**

(includes course material, lunch and refreshments)

Member	\$259	Non-member	\$339
Student rate	\$199		

Lunch and refreshments sponsored by

### **CHF Investor Relations**

## 9. Developing a cash flow: Best practices for converting a mineral resource into a mineral reserve

**Saturday, March 1** 9:00 am – 5:00 pm

**Sunday, March 2** 9:00 am – 12 noon

**Organizers:** RPA Inc. and Prospectors & Developers Association of Canada

Chair: Jason Cox, RPA Inc.

Money doesn't make the world go around, profit does. Cash flow analysis estimates profit and ultimately underpins all development decisions. Without a positive cash flow analysis, mineral reserves do not exist. It is what distinguishes a mineral reserve from a mineral resource and therefore provides a natural footing to discuss the process of converting one to the other. This course is targeted to management, geologists, engineers, and informed investors. It will be of particular interest for anyone planning an engineering study. The interactive course covers components of a mining project cash flow, working with the inputs and discussing best practices along the way. The following will be discussed:

- Different levels of engineering studies (scoping, pre-feasibility, feasibility)
- Life of mine plan production schedules
- Mine design, mining methods and factors to consider (dilution, extraction)
- Geotechnical inputs
- Metallurgical testwork and mineral processing
- Metal sales terms
- Operating costs
- Capital costs
- Trade-offs ... "making it work"
- Environmental permitting
- Taxation
- Cash flow results
- Reporting of mineral reserve estimates

Presenters represent a wide range of industry professionals engaged in carrying out and evaluating engineering studies. Participants are encouraged to bring laptop computers (power outlets will be provided at each seat) to allow experimentation with the cash flow spreadsheet throughout the course.

### Course Fee

(includes course material, lunch and refreshments)

Early rate			
Member	\$499	Non-member	\$599
Regular rate			
Member	\$699	Non-member	\$799
Student rate	\$249		

## 10. Accessing new data analysis techniques to maximize project value

**Sunday, March 2 8:30 am – 5:00 pm**

**Organizer:** MICROMINE

This course, taught by one of the world's pre-eminent authorities on resource estimation and geostatistics, will provide insights into analytical approaches that offer the promise of maximizing value from geological, exploration and mining data. Even though these methods are increasingly being mentioned, they are usually understood only at the level of buzzwords; the practical details are generally not well explained. This one-day workshop will demystify the following methods, providing a clear and practical introduction to how they work, and to their strengths and weaknesses:

1. Recursive partitioning: a method that can be used for identifying geological controls on mineralization; the complex interactions between commonly logged information such as alteration, lithology, structure, mineralogy and texture.
2. Conditional simulation: a method that has value not only for risk analysis, but also for evaluating issues that relate to short-scale variability, such as grade control and blending.
3. Data mining: a group of emerging methods discovering patterns in large data sets using tools from artificial intelligence, machine learning, statistics, and database systems.
4. Neural networks: a method that mimics our understanding of neuron connections in the brain to build predictive models (e.g. of the likelihood of exploration success, or of the amount of ore-waste misclassification in a producing mine) that continuously adapt the prediction as new input becomes available, and new interconnections between variables are identified.

Participants will explore each idea through case studies and group discussion relating to real-world examples and current practices. This course will benefit all geologists and engineers involved with advanced exploration and resource estimation studies, giving them a good introduction to new methods for learning the right lessons from data acquired during exploration and production. In addition to showcasing the strengths of each method, the course will also explain their weaknesses and discuss why they are sometimes not well suited for certain types of studies.

### Presenter:

R. Mohan Srivastava, Micromine Consulting Services (MCS)

# Short Courses and Workshops

## Course Fee

(includes course material, lunch and refreshments)

Early rate

Member	\$399	Non-member	\$499
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Regular rate

Member	\$599	Non-member	\$699
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Student rate	\$199		
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## 11. Mineral disclosure standards under NI 43-101

**Wednesday, March 5 8:00 – 11:30 am**

**Organizer:** Craig Waldie and James Whyte, Ontario Securities Commission

This informative session will provide participants with an opportunity to learn the fundamentals of technical disclosure for mineral projects under NI 43-101 directly from the regulator. The session is designed to assist mining industry participants such as company officers and directors, investor relations personnel, and qualified persons with improving the technical disclosure reported to investors.

Topics covered will include an overview of disclosure concepts under securities law, NI 43-101 compliance issues and pitfalls, and some of the common areas of non-compliance with technical reports. Recent changes to CIM Definition Standards, which are incorporated into NI 43-101, will be covered along with technical reviews by the regulator and the frequently observed red flags, along with some of the potential consequences of not getting it right the first time. An interactive question and answer session will also be included.

### Presenters:

Craig Waldie, Ontario Securities Commission  
James Whyte, Ontario Securities Commission

### Course Fee

(includes course material and hot breakfast)

Member	\$149	Non-member	\$199
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Student rate	\$99		
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## 12. Alternative financing strategies for challenging times

**Wednesday, March 5 2:00 – 5:00 pm**

**Organizers:** Borden Ladner Gervais LLP and GMP Securities L.P.

Chairs:

Mark Wheeler, Borden Ladner Gervais LLP  
Kevin Reid, Investment Banking, GMP Securities L.P.

Mining issuers have been dealing with capital-anemic conditions for the past two years, and the pain may not be over yet. The TMX Group has reported

that the total number of financings raised on the TSX Venture Exchange in January 2013 was down approximately 70% from December 2012 and down approximately 50% from January 2012. Without access to capital, mining companies are forced to slow or halt their exploration and development operations. Without exploration and development progress to report, share prices continue to drop, along with market capitalization. With no relief in sight, the challenge for mining issuers will be ways of maintaining and/or advancing their projects until market conditions improve. To this end, mining issuers are increasingly turning to alternative and creative financing structures. This course will include the following topics:

- Market overview
- Current and future sector challenges
- Financing trends for mining issuers
- Strategic investments: equity financings tied to participation rights in exploration and development properties
- Foreign investments: equity investments coupled with offtake agreements
- High yield and convertible debt financings
- Metal streams and royalties

Topics will be addressed from both a financial and a legal perspective. Emphasis will be placed on practical financing strategies for exploration and development stage companies.

### Presenters:

Ross Prokopy, GMP Securities L.P.  
Andrew Powers, Borden Ladner Gervais LLP  
Mike Silver, GMP Securities L.P.  
Fred R. Pletcher, Borden Ladner Gervais LLP  
Jason Saltzman, Borden Ladner Gervais LLP  
Philippe Tardif, Borden Ladner Gervais LLP  
Steve Suarez, Borden Ladner Gervais LLP  
Mark Wheeler, Borden Ladner Gervais LLP  
Kevin Reid, GMP Securities L.P.

### Course Fee

(includes course material and refreshments)

Member	\$149	Non-member	\$199
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Student rate	\$99		
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## 13. DMEC workshop series: Risk in exploration, measuring it and how to avoid ruin

**Wednesday, March 5 2:00 – 6:00 pm**

**Organizers:** Charles Beaudry, Consultant & Ken Witherly, Condor Consulting Inc.

Decennial Mineral Exploration Conferences (DMEC) is an outgrowth of the very successful Exploration 07 symposium held in Toronto (September 2007) that drew together over 1,300 delegates to review the state of the art in minerals exploration



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technology. This year's workshop will be the fourth DMEC-sponsored event under the theme "tools and techniques to explore undercover". In the three previous workshops we looked at district-scale issues in Quebec, B.C. and Chile and how a multidisciplinary approach can help to improve exploration success. This year we turn our focus to the management of risk in mineral exploration from early grassroots exploration to advanced-stage projects. The formal management of risk has been developed to a high degree in the oil and gas exploration industry compared to the mineral industry. In spite of some early work by Brian McKenzie at Queen's University in Canada, the science is at a much earlier stage of development. This workshop will present some more recent developments in this field and will look at the following subjects:

- The human factor in mineral exploration risk
- Management of risk in the exploration process
- Discovery probability mapping using regional geochemical data
- Probability mapping using GIS
- Real options modeling to value and manage exploration

**Presenters:**

Michael Doggett, Doggett & Associates  
Michel Rheault, Effigis Geosolutions  
Eric Grunsky, Geological Survey of Canada  
Graham Davis, Colorado School of Mines  
Ken Witherly, Condor Consulting Inc.

**Course Fee**

(includes course material and refreshments)

Member	\$169	Non-member	\$209
Student rate	\$99		



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# Presentations

SUNDAY, MARCH 2

## Innovation Forum

South Building, Level 800 Sponsored by

10:00 am – 5:00 pm

The Prospectors and Developers Association of Canada (PDAC) and the Canadian Association of Mining Equipment and Services for Export (CAMESE) will again partner to enhance exchanges between companies and attendees.

The Innovation Forum allows companies an opportunity to inform attendees of their new products, services and exploration developments, as well as about mining jurisdictions around the globe.

*New for PDAC 2014* – Exhibiting companies, companies who are not exhibitors and CAMESE members have been given the opportunity to apply and take part in the Innovation Forum.

Visit [www.pdac.ca/convention/program/innovation-forum](http://www.pdac.ca/convention/program/innovation-forum) in January for a complete schedule.

**Open to all attendees**

## Letter Writer Presentations for Investors

South Building, Level 800 Sponsored by

9:00 am – 5:00 pm

Top newsletter writers present their charts, thoughts and ideas on how to select good investments in the resource sector.

Come and listen to your favourite industry commentators including:

**Learn about the value investing in global resources,** Adrian Day, *Adrian Day Asset Management*

**Provides expert technical analysis,** Ian McAvity, *Deliberations on World Markets*

**Discover quality of life,** Mike Berry, *Discovery Investing*

**Get the edge on the juniors,** Brent Cook, *Exploration Insights*

**Learn about gold stocks with the greatest upside,** Garrett Goggin, *John Doody's Gold Stock Analyst*

**Take advantage of global opportunities,** Rick Rule, *Sprott Global Resource Investment, Ltd.*

And others...

Visit [www.pdac.ca/convention/program/letter-writers](http://www.pdac.ca/convention/program/letter-writers) in January for a complete schedule.

**Open to all attendees**

MONDAY, MARCH 3 AND TUESDAY, MARCH 4

## Corporate Presentation Forum for Investors

South Building, Level 800 Sponsored by

10:00 am – 5:00 pm

The Corporate Presentation Forum for Investors is a popular series that features up-to-the-minute information on select exploration and development companies' current activities and investment potential. Over 115 companies will present.

The following companies will be presenting at PDAC 2014 (as at November 11):

Alamos Gold Inc.	GoldQuest Mining Corp.
Alderon Iron Ore Corp.	Hecla Mining Company
Aldridge Minerals Inc.	Hochschild Mining plc
Allana Potash Corp.	Ivanhoe Mines Ltd.
Altius Minerals Corporation	Kingsgate Consolidated Ltd.
Amerigo Resources Ltd.	Kivalliq Energy Corp.
Argonaut Gold Inc.	Lucara Diamond Corp.
Augusta Resource Corporation	Luna Gold Corp.
Aureus Mining Inc.	Mawson Resources
B2Gold Corp.	McEwen Mining Inc.
Black Iron	Mega Precious Metals Inc.
Brigus Gold Corp.	Metallica Minerals Ltd.
Canada Lithium Corp.	Midas Gold Corp.
Candente Copper Corp.	Minera IRL Limited
Capstone Mining Corp.	Mkango Resources Ltd.
Cartier Resources Inc.	Moneta Porcupine Mines Inc.
Cayden Resources Inc.	Mountain Province Diamonds Inc.
Champion Iron Mines Limited	Mundoro Capital Inc.
Claude Resources Inc.	Nevada Copper Corp.
Colombian Mines Corporation	Nevsun Resources Ltd.
Colossus Minerals Inc.	Nevsun Resources Ltd.
Columbus Gold Corporation	New Gold Inc.
Condor Gold PLC	New Millennium Iron Corp.
Continental Gold Limited	NexGen Energy Ltd.
Copper Fox Metals Inc.	NGEx Resources Inc.
Copper Mountain Mining Corporation	Nordgold
Denison Mines Corp.	Noront Resources Ltd.
Detour Gold Corporation	North Arrow Minerals Inc.
Diamcor Mining Inc.	Northern Graphite Corporation
Duluth Metals Limited	Northern Minerals Ltd.
Dundee Precious Metals Inc.	Novagold Resources Inc.
Eldorado Gold Resources Ltd.	OceanaGold Corporation
Endeavour Mining Corporation	Oceanic Iron Ore Corp.
Energy Fuels Inc.	Orezone Gold Corporation
Entrée Gold Inc.	Orvana Minerals Corp.
Excellon Resources Inc.	Osisko Mining Corporation
Excelsior Mining Corp.	Peregrine Diamonds Ltd.
Exeter Resource Corporation	Platinum Group Metals Ltd.
First Point Minerals Corp.	PMI Gold Corp.
Fission Uranium Corp.	Polymetal International Plc
Foran Mining Corporation	Primero Mining Corp.
Fortuna Silver Mines Inc.	Probe Mines Limited

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 Randgold Resources Limited  
 Richmond Mines Inc.  
 Riverside Resources Inc.  
 Roxgold Inc.  
 Sabina Gold & Silver Corp.  
 Sandstorm Gold Ltd.  
 Santacruz Silver Mining Ltd  
 Scorpio Mining Corporation  
 SEMAFO Inc.  
 Silver Standard Resources Inc.  
 Silver Wheaton Corp.  
 Silvercorp Metals Inc.  
 SilverCrest Mines Inc.  
 Solitario Exploration &  
 Royalty Corp.  
 SQM  
 St Andrew Goldfields Ltd.

Stonegate Agricom Ltd.  
 Stornoway Diamonds  
 Corporation  
 Sulliden Gold Corporation Ltd.  
 Tasman Metals Ltd.  
 Temex Resources Corp.  
 Tinka Resources Limited  
 Torex Gold Resources Inc.  
 Toro Energy Limited  
 Trevali Mining Corporation  
 TriAusMin Limited  
 Troy Resources Limited  
 Uranerz Energy Corporation  
 Uranium Energy Corp.  
 Ur-Energy USA Inc.  
 Virginia Mines Inc.  
 Western Copper and  
 Gold Corporation  
 Wildcat Silver Corporation

Visit [www.pdac.ca/convention/program/corporate-presentation-forum-for-investors](http://www.pdac.ca/convention/program/corporate-presentation-forum-for-investors) in December for a complete schedule.

**Open to all attendees**

## TUESDAY, MARCH 4

### Open Session

#### South Building, Level 700

**2:00 – 5:00 pm**

Selected from a call for papers, these presentations offer insight into current and topical subjects. Visit [www.pdac.ca/convention/program/open-session](http://www.pdac.ca/convention/program/open-session) in January for a complete schedule.

**New for 2014: Open to all attendees**

### PRESENTATION ROOMS

#### North Building, Level 200

Presentation Rooms are a great way to enhance an organization's visibility, launch a new product, meet with clients and prospects and/or make a presentation about a mining jurisdiction or company.

Presentation Rooms organized by the following groups have been confirmed for 2014 (as at November 11):

- Alaska, State of
- Australia Minerals
- Brazil, Agency for the Technological Development of the Brazilian Mineral Industry (ADIMB)
- Business Sweden, The Swedish Trade and Invest Council
- Canada Eurasia Russia Business Association (CERBA)

- Canada-Peru Chamber of Commerce
- Canadian Northern Economic Development Agency (CanNor)
- Chile Trade Commission, ProChile
- Colombian Government Trade Commission in Canada, Proexport Colombia
- Dassault Systèmes GEOVIA Inc.
- Finnish Funding Agency for Technology and Innovation, Tekes
- FTI Consulting
- Geotech Ltd.
- German Mineral Resources Agency, Deutsche Rohstoffagentur (DERA)
- Greenland, Bureau of Minerals and Petroleum
- Greenland, Employers' Association
- India, Ministry of Mines
- Kazakhstan, Kyrgyzstan and Tajikistan Resources
- Mauritania, Ministry of Petroleum, Energy and Mines
- McCarthy Tetrault
- Montt Group SpA.
- The World Bank, SEGOM Unit
- Walkers Global

Visit [www.pdac.ca/convention/program/presentation-reception-rooms](http://www.pdac.ca/convention/program/presentation-reception-rooms) in December for room descriptions.

### NEW! RECEPTION ROOMS

#### North Building, Level 200

Reception Rooms are ideal for small receptions of 50-100 people.

Reception Rooms organized by the following groups have been confirmed for 2014 (as at November 11):

- Beak Consultants GmbH
- Business Sweden, The Swedish Trade and Investment Council
- Canada-Peru Chamber of Commerce
- ETIMINE GMW
- GE Capital
- Greenland, Employers' Association
- Whittle Consulting Pty Ltd.

Visit [www.pdac.ca/convention/program/presentation-reception-rooms](http://www.pdac.ca/convention/program/presentation-reception-rooms) in December for room descriptions.

# CSR Event Series

**SUNDAY, MARCH 2**

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## **The Beyond Zero Harm Framework**

**8:30 – 10:00 am**

**Organizer:** IAMGOLD

How can the mining industry measure and demonstrate changes in well-being of mining-impacted communities? The Beyond Zero Harm Framework provides a comprehensive roadmap to tackling this fundamental question. Developed by a multi-stakeholder working group of companies, NGOs and academics, the tool establishes a participatory framework for measuring and demonstrating these changes. The session will be the first public introduction of the framework.

**Open to all attendees**

## **Getting it right: Community engagement for junior companies**

**10:30 am – 12 noon**

**Organizers:** Triple R Alliance and PDAC

Community engagement is frequently misunderstood and seen as difficult, costly, and not connected to a company's bottom line. In reality, engagement can be the most cost-effective approach to mitigating social risks. This session will provide a step-by-step approach to community engagement designed for smaller teams. Practical tools will be provided that companies can apply to projects of any size, at any stage, and in any context.

**Open to all attendees**

## **Balancing performance in uncertain times: The relationship between capital markets and environmental and social risks**

**1:00 – 2:30 pm**

**Organizer:** Environmental Resources Management (ERM)

This session will examine how effective environmental and social management translates into key finance decisions, whether the capital comes from bank loans, equity markets or cash from existing operations. This panel of top industry executives and financiers will introduce factors currently affecting the capital market climate, and discuss practical ways in which juniors and majors alike can make a water-tight case for additional funds if they wish to acquire, expand and/or optimize new or current assets.

**Open to all attendees**

## **What you need to know and do: Lessons learned from Mesoamerica**

**3:00 – 4:30 pm**

**Organizer:** On Common Ground

Mesoamerica (southern Mexico to Costa Rica) has a current reputation for complex social conflicts. Speakers selected for their willingness to talk candidly about the challenges and opportunities of working with communities in Mesoamerica will provide context for the realities facing explorers on the ground and describe proven tools to address this reality. Facilitated discussion with participants will allow further examination of how to avoid the greatest risks, apply the tools and gain a social licence.

**Open to all attendees**

**MONDAY, MARCH 3**

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## **Local procurement: Strategies, tools and the benefits for companies and communities**

**10:30 am – 12 noon**

**Organizer:** Engineers Without Borders Canada

Through increasing local procurement of goods and services, companies have an effective method of maximizing the benefits of their investment for host communities and countries, while contributing to their social licence to operate. Local procurement leads to more local jobs and income, transfers skills and technology, and helps to create vital domestic business networks. This session will showcase different field-tested approaches stakeholders are taking to increase local procurement.

**Open to all attendees**

## **Water, mining and stakeholders: Communicating with communities, government and investors**

**1:30 – 3:00 pm**

**Organizer:** International Finance Corporation (IFC)

The economic, environmental, social and cultural values of water are one of the most challenging aspects of a mining project to measure and communicate with diverse stakeholder groups. IFC will bring together technical experts on mine development, communications, community engagement, grievance mechanisms and finance to discuss examples of how companies can avoid conflict, engage in effective dialogue, and earn a social licence to operate around water.

**Open to all attendees**



### **The role of government in company-community relationships: Lessons from Peru**

**3:30 – 5:00 pm**

**Organizer:** Peruvian-Canadian Chamber of Commerce

In order to solve the conflicts between companies and communities, the Government of Peru is actively working to change the dynamic between exploration and mining companies and local community stakeholders. With a panel of company, government, and civil society representatives from Peru, this session will examine relationship management at all stages of the mining lifecycle with a focus on the Government of Peru's role in moving from dialogue tables to development tables.

**Open to all attendees**

### **TUESDAY, MARCH 4**

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#### **Resource nationalism: Moving beyond a narrative of threat**

**4:00 – 5:30 pm**

**Organizers:** International Council on Mining and Metals (ICMM) and PDAC

Resource nationalism is commonly cited as the key risk for exploration and mining companies. Now used as a general label for a series of policy changes, resource nationalism presents significant challenges and opportunities for companies and host governments alike. Through discussion with a panel of leaders from industry, government, and international civil society, this session will address the issues surrounding resource nationalism and start moving the conversation towards a constructive dialogue.

**Open to all attendees**

#### **CSR Event Series closing reception**

**5:30 – 7:00 pm**

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## **Capital Markets Program**

As the national voice for the Canadian exploration industry, the PDAC conducts research and advocacy related to ensuring Canada's capital markets facilitate capital raising simply, affordably and effectively. The PDAC also advocates for Canadian jurisdictions to adopt fiscal and regulatory environments that make Canada an attractive place to explore.

The Capital Markets Program is intended to create a forum for learning and dialogue on a range of topics related to the financing of mineral exploration.

### **SATURDAY, MARCH 1**

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#### **Investment fundamentals: Understanding mineral exploration and resource development and the relationship to company stock prices**

**8:30 am - 5:00 pm**

See page 12 for more information.

### **SUNDAY, MARCH 2**

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#### **Current developments in financial markets and public disclosure**

**1:00 – 3:30 pm**

See page 4 for more information.

### **TUESDAY, MARCH 4**

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#### **The role of private equity in mineral exploration financing**

#### **How regulators in different jurisdictions are innovating to facilitate capital raising and protect the integrity of capital markets**

#### **How stock exchanges are innovating to attract companies and support them through difficult times**

### **WEDNESDAY, MARCH 5**

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#### **Alternative financing sources for junior resource companies**

**9:00 am – 12 noon**

See page 8 for more information.

#### **Alternative financing strategies for challenging times**

**2:00 – 5:00 pm**

See page 14 for more information.

Visit [www.pdac.ca/convention/program/capital-markets-program](http://www.pdac.ca/convention/program/capital-markets-program) in January for a complete schedule.

# Aboriginal Program

## MONDAY, MARCH 3

### Rights, roles and responsibilities: Perspectives on building relationships between companies and Aboriginal/Indigenous communities

9:00 – 11:00 am

As a special feature at the PDAC 2014 Convention, the PDAC's Aboriginal Affairs and Corporate Social Responsibility programs will be co-hosting a session on building relationships between exploration and mining companies and Aboriginal/Indigenous communities. The session will feature four 20-minute presentations by leading practitioners who will share their experiences working in different political, social and cultural contexts around the world. The session will explore how relationships are built between companies and communities that reflect and respect Indigenous peoples' rights, focusing particularly on the challenges encountered and overcome along the way.

**Open to all attendees**

### Aboriginal Forum: Building partnerships, sharing success

2:00 – 4:30 pm

The Aboriginal Forum brings Aboriginal communities and Aboriginal-owned companies together with mineral industry practitioners to share experiences and highlight the positive results when working together. The event is a venue for discussion on creating and sustaining mutually successful relationships. Showcasing models for Aboriginal participation in the mineral industry and best practices in community engagement, this session will feature presentations on current topics and issues related to Aboriginal Affairs, including practical examples of early engagement and resulting agreements, business development and community capacity building.

The session will be followed by a networking reception from 4:30 – 5:30 pm.

**Open to all attendees**

### Skookum Jim Award Presentation Awards Evening

Fairmont Royal York, Canadian Room  
6:00 pm

The Skookum Jim Award recognizes and honours Aboriginal individuals and businesses who demonstrate exceptional achievement and/or service in an Aboriginal-run service business for the Canadian mining industry or a Canadian Aboriginal exploration or mining company, or have made a significant individual contribution to the mining industry.

**Admission with ticket**

## TUESDAY, MARCH 4

### Examining Aboriginal issues in the mineral sector: The current landscape in Canada

9:00 am – 12 noon

Recent years have seen improved engagement practices by industry, partnerships between companies and communities, signed agreements, and increased participation by Aboriginal people in the mineral industry. Despite the fact that mineral companies and Aboriginal communities have developed a better understanding of one another and have found ways to build positive relationships, issues continue to arise across Canada. This session will examine some of the current key issues that create challenges for mutually beneficial outcomes. Specifically, it will feature a presentation comparing the different consultation policies in place across Canada and the expectations placed on the Crown, companies and Aboriginal communities. A panel discussion will examine some of the recent court decisions and the corresponding impacts on project development and Aboriginal people, as well as a presentation on the Métis landscape across Canada as it relates to the mineral sector.

**Open to all attendees**

### Aboriginal participation in the mineral industry: Considerations and complexities

2:00 – 5:00 pm

The mineral exploration and mining industry can provide many opportunities for Aboriginal communities. However, knowledge gaps still remain among Aboriginal communities and industry practitioners, as well as a number of unforeseen challenging complexities along the mineral development sequence. This session will focus on those areas that Aboriginal communities and their partners are facing today, including socio-cultural impact assessment, recruitment strategies, and on-reserve mining development.

**Open to all attendees**

## Aboriginal Program at the PDAC 2014 Convention



The PDAC convention provides an excellent opportunity for Aboriginal communities and companies and the mineral industry to foster relationships, create partnerships and share knowledge.

# Student Program

## Convention Travel Funding

The PDAC has set up a Convention Travel Fund to help student groups cover the costs of getting to Toronto. The application form is available online at [www.pdac.ca/students](http://www.pdac.ca/students).

## Student Booth

The Student Booth will be located on the 800 level near the concession stands. Sign up for the tours of the Trade Show and Investors Exchange and get more information about student opportunities at the Convention.



## Volunteer Opportunities

Volunteer your time at the Convention in exchange for a complimentary All Access Student Pass and a ticket to one of our luncheons, plus volunteer apparel, food vouchers and a volunteer certificate. The volunteer application is available online at [www.pdac.ca/students](http://www.pdac.ca/students).

## SUNDAY, MARCH 2

### PDAC-CIM Toronto Branch Guided Tours

These 90-minute tours are a great way to become acquainted with the 1,000+ companies that exhibit in the Trade Show and Investors Exchange. The focus is on companies that have identified themselves as "student friendly". Each tour stop will last approximately seven minutes and will focus on the exploration and/or production aspects of the company's projects and career opportunities.

Sign up on-site at the Student Booth.

<b>Sunday, March 2</b>	<b>3:00 pm</b>
<b>Monday, March 3</b>	<b>10:30 am and 3:00 pm</b>
<b>Tuesday, March 4</b>	<b>10:30 am and 3:00 pm</b>

### Convention Kickstart

**4:30 – 6:00 pm**

This event will help you maximize your Convention experience, whether it's your first time at the PDAC or your fifth. Discover the many opportunities available for you at the Convention and learn insider networking tips from the pros, then head right over to the Fairmont Royal York to put these skills to use at the Welcome Reception.

## MONDAY, MARCH 3

### PDAC-CMIC-SEG Canada Student Minerals Colloquium

**Fairmont Royal York, Ballroom 12 noon – 8:00 pm**

The PDAC is pleased to partner with the Canada Mining Innovation Council Exploration Footprints Project



and the Society of Economic Geologists Canada Foundation in sponsoring the Annual Student Minerals Colloquium, which will be hosted by the SEG Student Chapters at Laurentian University and the Ottawa-Carleton Geoscience Centre and will include up to 100 poster presentations highlighting current research on mineral deposits and related studies by students and faculty from across Canada.

### Student-Industry Forum

Sponsored by

**3:30 – 5:30 pm**

Back for a third year, this event returns with a keynote address and a panel of industry experts. Learn about the exciting range of career opportunities in the industry and get your questions answered during the Q & A period.



## TUESDAY, MARCH 4

### Student-Industry Networking Luncheon

**11:30 am – 1:30 pm**

The flagship event of the student program, this reception-style buffet luncheon gives you the opportunity to make valuable connections with industry professionals and peers. The winner of the Mary-Claire Ward Geoscience Award will be announced as well as the selected 2014 Student-Industry Mineral Exploration Workshop (S-IMEW) students. Don't miss this opportunity to put your networking skills to good use. There will be a random draw for eight \$500 tuition top-up awards – proof of student membership is required to obtain the award.

**RSVP when you register for Convention**

# Exhibits

## TRADE SHOW

South Building, Level 800

Sponsored by

**RioTinto**

**Sunday, March 2 – Tuesday, March 4**

**10:00 am – 5:30 pm**

**Wednesday, March 5**

**9:00 am – 12 noon**

The Trade Show features over 400 countries, companies and organizations promoting technology, products, services and mining jurisdictions worldwide.

### Who exhibits

- Analytical laboratories
- Associations
- Aviation services
- Consulting geologists and engineers
- Drilling contract services and equipment suppliers
- Educational institutions
- Environmental equipment and service suppliers
- Geological surveys
- Geophysical instrumentation companies
- Geophysics companies
- Governments
- Insurance companies
- Law firms
- Loading and hauling equipment and parts suppliers
- Management consulting services
- Mapping services
- Media/trade journals
- Mineral processing services & suppliers
- Mining engineering and contracting companies
- Mining instrumentation suppliers
- Satellite communication companies
- Shelters, tents, camp suppliers
- Software companies
- Underground mining support equipment suppliers

For a list of exhibitors and a floor plan, visit [www.pdac.ca/convention/program/exhibits/trade-show](http://www.pdac.ca/convention/program/exhibits/trade-show).



## INVESTORS EXCHANGE

South Building, Level 800

Sponsored by



**Sunday, March 2 – Tuesday, March 4**

**10:00 am – 5:30 pm**

**Wednesday, March 5**

**9:00 am – 12 noon**

### FREE ADMISSION WITH INVESTORS AND SELECT PRESENTATIONS PASS

Pre-register online at [www.mininginvestmentshow.com](http://www.mininginvestmentshow.com)

Learn about 600 resource companies through face-to-face contact.

This is your investment show of choice.

### Who exhibits

- Brokerage houses
- Financial institutions
- Mineral exploration companies
- Mining companies
- Prospectors
- Stock exchanges

For a list of exhibitors and a floor plan, visit [www.pdac.ca/convention/program/exhibits/investors-exchange](http://www.pdac.ca/convention/program/exhibits/investors-exchange).

### PROSPECTORS TENT

Prospectors Tent booths are reserved exclusively for self-employed or independent prospectors to display their maps, samples and claim results.

- Exhibitors include:
- Diego de Arvelos Nicolau
- Scott Berdahl
- Donald Brown
- Salomon Calderon
- Tom Drivas
- David Foreshew
- Edwin Gaucher
- David Mako
- Carl Nelson
- Myron Nelson
- John Rapski
- Chris Rawluk
- Gordon Salo
- William S. Wilcox

Visit [www.pdac.ca/convention/program/prospectors-tent](http://www.pdac.ca/convention/program/prospectors-tent) for more information on the Prospectors Tent.

## CORE SHACK

South Building, Level 700

The Core Shack offers 60 deposits from around the globe for inspection along with maps, charts and technical information.

The Core Shack will have two sessions for company displays:

### Session A

Sunday, March 2  
10:00 am – 5:00 pm

Monday, March 3  
9:00 am – 5:00 pm

Visit [www.pdac.ca/convention/program/exhibits/core-shack](http://www.pdac.ca/convention/program/exhibits/core-shack) in early January for a complete list of Core Shack exhibitors.

Sponsored by



## MEDIA PARTNERS

South Building, Level 800

Free exploration and development publications available to all attendees.

Media Partners include (as at November 11):

- Argentina Mining
- Aspermont
- Brasil Minerals Magazine
- Business Excellence Magazine
- CIM Magazine
- DEL Communications
- Industrial Minerals
- Listed Magazine
- Mexico Mining Review
- MinerAndina
- Editec Grupo Editorial
- Minería Magazine
- Mining Leaders
- Mining Media, Inc.
- NAI Interactive
- National Post
- Resource World Magazine
- Saskatchewan Mining Journal
- StockVest Quarterly
- Streetwise Reports
- The Canadian Mining Magazine
- The Prospector Resource Investment News
- Turtle Island News





# Networking and Ticketed Events

## IMPORTANT!

- Tickets sell out quickly for luncheon and evening events. Buy your tickets in advance with your convention registration (online, fax, mail) and don't miss out on these valuable opportunities to network with others in your industry!
- Reservations for company tables (luncheons or dinners) are available when you purchase a full table of 10 tickets.

## SUNDAY, MARCH 2

### Welcome Reception

**Fairmont Royal York, Canadian Room**  
**6:00 – 8:30 pm**

PDAC welcomes you to the Convention with a welcome drink and light refreshments at the Fairmont Royal York. This is the largest networking event at the Convention, so be sure to bring your business cards.

Shuttle service will be available from the MTCC South Building to the hotel on Sunday evening.

**Admission ONLY with convention badge**

### Media Reception

**Fairmont Royal York, Imperial Room**  
**5:30 – 7:00 pm**

International and local journalists, industry leaders and government representatives network, socialize and celebrate the opening of the Convention at this exclusive PDAC hosted cocktail reception.

**By invitation only**

Sponsored by

**Raymond James Ltd.**  
**RBC Capital Markets**  
**Scotiabank**



## MONDAY, MARCH 3

### Mineral Outlook Luncheon

**MTCC, South Building, Room 718**  
**12 noon – 2:00 pm**

PDAC welcomes Ned Goodman, President and Chief Executive Officer at Dundee Corporation. Mr. Goodman has made transformative and enduring contributions to Canada's minerals industry and capital markets as a company-builder, merchant banker and investment advisor during a dynamic career spanning almost half a century. Goodman will discuss *Capital re-bound – how, where and when will it come back?*

**Tickets: \$70 each**

Sponsored by

 **Hitachi Consulting**  
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MONDAY, MARCH 3

# AWARDS EVENING

Outstanding achievements are honoured at the prestigious annual PDAC Awards Evening, where individuals and organizations are acknowledged for their significant contributions to the Canadian mineral industry. This hallmark event begins with a hosted reception, followed by a delectable three-course dinner, fine wine and live jazz music. A specialty Coffee-and-Liqueur Networking Reception rounds out this memorable evening.

Engaging videos, showcasing the stories and underscoring the accomplishments of each award winner, highlight this special evening.

6:00 – 7:00 pm Reception  
7:00 – 8:30 pm Dinner  
8:30 – 9:45 pm Award Presentations  
9:45 pm Coffee-and-Liqueur  
Networking Reception

Tickets: \$110 each  
(includes all taxes and gratuities)

Dress: Business Attire, Black Tie Optional

## PROUD SPONSORS

Awards Evening

Franco  Nevada

Reception

Dinner Wine

Coffee-and-Liqueur Reception







Fairmont Royal York, Canadian Room

## TUESDAY, MARCH 4

### Panel Luncheon

**MTCC, South Building, Room 718**  
**12 noon – 2:00 pm**

Join us for a sit-down lunch and panel discussion on *Advancing the Ring of Fire – What has to happen to move it forward?* This panel will examine the future of the region, its complexities and existing barriers to development. The panel will include esteemed government, First Nation and industry representatives who will cover an array of topics including environmental assessment, infrastructure and Aboriginal partnerships.

#### Moderator

Glenn Nolan, President, PDAC

#### Panelists

Josh Hjartarson, Vice President, Policy and Government Relations,  
Ontario Chamber of Commerce

Bob Rae, Chief Negotiator, Matawa Tribal Council

Third panelist to be announced

**Tickets: \$70 each**



Glenn Nolan

### Student-Industry Networking Luncheon

**MTCC, North Building, Rooms 105/106**  
**11:30 am – 1:30 pm**

The flagship event of the student program, this reception-style buffet luncheon gives you the opportunity to make valuable connections with industry professionals and peers. The winner of the Mary-Claire Ward Geoscience Award will be announced as well as the selected 2014 Student-Industry Mineral Exploration Workshop (S-IMEW) students.

Don't miss this opportunity to put your networking skills to good use. There will be draws for \$500 tuition top-up awards – proof of student membership is required to obtain the award. RSVP when you register for the Convention.

**Admission only with a Student All Access Pass or All Access Pass**

# Networking and Ticketed Events

TUESDAY, MARCH 4

## Mining Night

Fairmont Royal York, Canadian Room  
9:00 pm – 12:30 am

Come and network with 3,000 of your closest industry friends! The Dave Murphy Band will perform your favourite cover tunes while you hit the dance floor and enjoy free draft beer until 11:00 pm.

Admission **ONLY** with convention badge



Wednesday, March 5

# MAGICAL MYSTERY 60's Flashback! GALA

Dust off your bell bottoms, throw on your love beads and turn up the music! Take a trip back to the 1960s when the hits of The Beatles went #1 around the world.

Don't miss this pop culture party: psychedelic silent auction, flower power reception, go-go for dinner, feelin' groovy photo booth and casino crazy for cool cash. Dress to impress. wear your best 60s cocktail attire and accessories!

Host bar reception and silent auction preview	6:00 - 7:00 pm
Dinner (3 courses including wine)	7:00 - 8:30 pm
Entertainment (live band and dancing)	8:30 - 12:30 am

Tickets: \$110 each  
(includes reception, dinner, wine, entertainment, casino, prizes, all taxes and gratuities)

Reception and themed evening sponsored by

**IBK Capital Corp.**

Fairmont Royal York, Canadian Room



# Other PDAC Events

## 7TH ANNUAL CARACLE CUP HOCKEY TOURNAMENT IN SUPPORT OF MINING MATTERS



**Buckingham Arena  
at Downsview Park, Toronto**

**Saturday, March 1 7:00 am – 4:00 pm**

Mining Matters invites members of the minerals industry, government, finance and academic sectors to join us at the 7th Annual Caracle Cup Hockey Tournament.

Holy mackinaw...exciting changes in 2014! New location, new arena with improved facilities, new start time and more ice time for each team.

Sixteen sponsored teams (15 skaters and 1 goalie) will compete to see their name engraved on the coveted Caracle Cup! All skill levels are welcome; only a desire to network and join in friendly competition is mandatory. Don't have a team? No problem, individuals without a team wanting to play, can be placed subject to space.

With team entry each player will receive:

- Three games guaranteed...new this year!
- Personalized team jersey
- Hockey socks
- Complimentary food and drink

The day will also feature a \$10,000 Shoot for Loot challenge and a silent auction of unique sports items and memorabilia. Prizes will be awarded during the ceremony following the championship game.

The Caracle Cup is an important Mining Matters annual fundraising event. It combines intensity and fun and brings members of the minerals industry together in support of Mining Matters' goal to educate students, teachers and the public about Earth science and the importance of mineral resources.

Mining Matters thanks our founding sponsor, Caracle Creek International Consulting Inc., for their vision and support since 2007.

For further information, updates, sponsorship opportunities and the team sign-up sheet, contact [hockey@miningmatters.ca](mailto:hockey@miningmatters.ca).



## WOMEN IN MINING INTERNATIONAL NETWORKING RECEPTION



**MTCC, North Building  
Room 105**

**Tuesday, March 4 3:00 – 5:00 pm**

Take advantage of a global networking opportunity at the 7th annual Women in Mining International Reception hosted by Women in Mining Canada, designed to bring together industry leaders, academia, employers, students and job seekers from around the world. Here, you can connect with the people and personalities who comprise this dynamic industry and celebrate the global contributions that women have made to this vibrant industry – this reception is full of the energy that will fuel your PDAC experience. Afternoon appetizers and refreshments will be served.

During the ceremony, Women in Mining Canada will announce the winner of the 2013 Trailblazer Award - the first national award in Canada to recognize the achievements of women who have made a significant contribution to Canadian mining. For more information on the WIM Canada Trailblazer Award and 2014 nomination information, please visit the WIM Canada website at [wimcanada.org](http://wimcanada.org).

Visit Women in Mining (WIM) Canada on the Trade Show floor at Booth 913 pre- and post-reception. Become a member, learn how to become involved through volunteering or participating on committees, catch up with old friends and grow your network.

WIM Canada is a national not-for-profit organization formed in 2009 and focused on advancing the interests of women in the minerals exploration and mining sector.

For more details contact: [info@wimcanada.org](mailto:info@wimcanada.org)

# Information and Services

## CONVENTION BAG – FOR ALL ACCESS PASS HOLDERS

Sponsored by



The 2014 bag has a spacious zippered main compartment with an exposed organizer for quick access to items. Features include a large open pocket in front, a back pocket with a Velcro closure, two side pockets, one mesh that can hold a water bottle, a zippered front pocket and adjustable shoulder strap. Attendees may recycle their bags at the end of Convention. Donated bags are given to Second Harvest.

Second Harvest is the largest food rescue program in Canada. Since 1985, Second Harvest has been rescuing donated, excess food which would otherwise go to waste, and delivers that food to community agencies in Toronto. Every day Second Harvest delivers enough food to provide 19,000 meals to over 215 community agencies in Toronto.



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## CONVENTION VIDEO – A GUIDED TOUR

Designed to jump start and enhance your PDAC 2014 experience, the convention video highlights what's new and shows you how to use the new mobile website as a planning tool to make the best use of your time. This valuable tool will cover food services, lounges, networking events, meeting rooms and charging centres. Look for the video launch in mid-January on Facebook and Twitter, the PDAC convention website and Vimeo site.

Sponsored by



## LOUNGES

### VIP Lounge (formerly Business Class)

Upgrading from an All Access Pass to a VIP All Access Pass provides access to a private lounge with continental breakfast and light refreshments daily. Administrative support, small areas for private meetings and business services, including a charging station for your hand-held device, are also available. Space is limited. Visit the convention website or review the printed registration form for pricing.

Sponsored by



## E-CENTRE

### Trade Show Floor

The E-Centre will provide Trade Show exhibitors and attendees with internet access for the four days of the Convention.

Sponsored by



## Wi-Fi Lounge

Located on the newly renovated mezzanine level directly above the south entrance, the Wi-Fi Lounge is a bright respite area filled with loads of natural light, comfortable furniture and plenty of lounge seating. Keep in touch with your business associates online or network with other attendees in this quiet oasis.

Sponsored by



## FREE WATER (H<sub>2</sub>O TO GO)

As a valuable part of PDAC's continued support of good environmental practices, All Access Pass holders will receive a refillable water bottle at registration. This important initiative, to reduce plastic water bottle waste at the Convention, is sponsored by Osisko Mining Corporation and Royal Gold, Inc.

Sponsored by



## Charging Centre Lounge

### Outside Room 718

Need a place to charge your smartphone and forgot your charger? Check out the handy charging station and lounge area where you will find two quick-charge kiosks to charge up your hand-held device. Each kiosk is equipped with built-in chargers for your iPhone, Blackberry and Android, so have a seat and relax while you wait for your charge to complete.

Sponsored by



### Delegate Lounge Charging Centres

Attendees may relax or network in one of the two lounges located on Level 700 in the north-south corridor. New for 2014, each lounge will have a charging station so you can charge your hand-held device as you spend your time in the lounge.

Sponsored by

**Clean Harbors**  
**GE Capital**

### NEW! PDAC MOBILE WEBSITE



Our newly designed, re-branded website has gone mobile, and planning your time and navigating through the Convention has never been easier. Build a schedule and add it to your smartphone calendar, search, find and save the exhibitors you'd like to visit, view floorplans, schedules and more.

Sponsored by



Access the new mobile website using the FREE Wi-Fi service throughout the MTCC, South Building (excluding the exhibit halls).

### PLACES TO EAT

For your convenience, a wide range of food and beverage services will be offered at various locations throughout the Convention Centre.

#### Teck Café, Level 800

Grill station, coffee & beverages, pastries, sandwiches, salads, snacks and sushi grab & go

Sponsored by



#### Retail Food Outlets, Level 800

#### Core Shack Café, Level 700

Coffee & beverages, specialty coffee, pastries, sandwiches, salads and snacks

Sponsored by



#### 701 Bistro and Bar, Level 700, Room 701

Hank Daddy's BBQ, Montreal smoked meat, seated sushi counter, coffee & beverages, pastries, sandwiches, salads and snacks

Sponsored by



#### Wi-Fi Café, Level 600

Pizza, coffee & beverages, pastries, sandwiches, salads and snacks

Sponsored by



#### Food Trucks, Level 500 (Ceremonial entrance)

### SHOE SHINE STANDS

Stands are conveniently located in the Investors Exchange and Trade Show.

Sponsored by

**Avanti Management & Consulting Limited**

**Black Diamond Group Limited**

### SHUTTLE SERVICE

For the convenience of attendees and exhibitors, PDAC will provide free shuttle bus service from key downtown hotels to the Convention at the MTCC, South Building.

Sponsored by



Daily service from 7:30 am to 7:00 pm (Sunday through Tuesday) and from 8:00 am to 2:00 pm (Wednesday) will operate from the following hotels:

- Fairmont Royal York (York St entrance)
- Westin Harbour Castle
- Eaton Chelsea (Gerrard St entrance)
- Courtyard by Marriott
- DoubleTree by Hilton (formerly Metropolitan)
- One King West Hotel and Residence
- The King Edward Hotel (King Edward guests walk to One King West Hotel for shuttle)
- Hyatt Regency Toronto (Widmer St entrance)
- Sheraton Centre
- Hilton Toronto (Hilton guests walk to the Sheraton Centre for shuttle)

### SME BOOKSTORE



#### South Building, Level 600

Discount Prices for PDAC Attendees!

Back by popular demand, the Society for Mining, Metallurgy, and Exploration (SME) will once again host a bookstore at the Convention. Take advantage of show pricing from the most prestigious book publisher in the industry. Several new books will be showcased. Come early in the week as supplies are limited.

### SPEAKER PRESENTATIONS

All Access Pass holders are eligible to receive the video from the Technical and Open Sessions synchronized to speakers' PowerPoint presentations (as released by the presenters for inclusion).

### TERRACE MEETING PLACE

Meeting space is always in high demand. Semi-private meeting rooms, set for groups of ten, or smaller groups of four, are available for one-hour bookings in this newly renovated space in the mezzanine level directly above the south entrance. An attendant will be onsite to accept reservations on a first-come, first-served basis.




Prospectors & Developers Association of Canada  
135 King St E  
Toronto, ON M5C 1G6  
Canada  
C/O  
PO Box 438  
Niagara Falls NY 14304

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