

# Aboriginal participation in mining steadily increasing

By Philip Bousquet, PDAC Director, Sustainability

Direct involvement in the mineral industry by Aboriginal peoples is steadily increasing across Canada. Through ownership, direct employment and community agreements, the number and variety of opportunities continue to grow.

As the national voice of the mineral exploration sector, the Prospectors and Developers Association of Canada (PDAC) can serve a role in improving our members' understanding of Aboriginal issues, and helping communities work with the exploration industry.

Two current initiatives are the PDAC Convention, to be held March 4 - 7 in Toronto - the world's largest annual mineral industry conference - and The Mining Information Kit for Aboriginal Communities, a guide that is attracting attention across Canada and around the world.

The session *Aboriginal Participation in the Mineral Industry, Canada and International*, will be held during the Convention on March 6 from 9am to noon. Following up on the session held in 2006, the 2007 session will offer examples of successful aboriginal participation in the mineral industry, domestically and internationally, and provide an opportunity for delegates to discuss ways of improving relations, reducing uncertainty and broadening economic benefits. The session will conclude with a panel discussion and audience questions.

The PDAC convention attracts delegates from around the world, providing community leaders with an outstanding opportunity to meet individuals and organizations involved in all aspects of the mineral industry, from field geologists through to mining engineers, environmental consultants and government regulators.

## New materials for Aboriginal Communities

Communities and companies can face many challenges when they first meet. Understanding one another is critical for a successful relationship to develop, and a key element is a sound basis of knowledge about expectations and practices.

As a trade association for the industry, we often receive requests for information on exploration and mining. In response, and in cooperation with other organizations such as the Mining Association of Canada, the Canadian Aboriginal Minerals Association, and the Canadian government, the PDAC and our partners have developed *The Mining Information Kit for Aboriginal Communities*.

The kit is designed to inform Aboriginal communities across Canada about the mining cycle, from early exploration to mine closure. This is one of several new initiatives in Canada that are helping communities and companies to understand one another.

For example, videos such as the *Ontario Mining Association's First Nation Video* (available in Cree, Oji-

Cree, Ojibway, French and English), and *Our community, our future* (Ontario and Canadian governments) as well as the *Association for Mineral Exploration BC's Guidebook on Mineral Exploration, Mining and Aboriginal Community Engagement*, each contribute to the sharing of knowledge. Visit [www.pdac.ca](http://www.pdac.ca) for links to these materials.

## The Mining Information Kit for Aboriginal Communities

Since its release in Summer 2006, *The Mining Information Kit for Aboriginal Communities* has been distributed to a wide variety of organizations and individuals. Demand is high and several thousand bound copies of the kit have been produced; it is now in its second printing.

Aboriginal communities and businesses, exploration and mining companies, colleges, public policy institutes, government agencies and trade associations, have all shown an interest in the

kit and are making use of it in their work.

The project partners (PDAC, Mining Association of Canada, Canadian Aboriginal Minerals Association, and the Canadian government) welcome comments on the kit as we want to ensure that it offers a useful information resource for Aboriginal peoples, and for all those who are involved in the minerals industry. Basic information is included in the main text and additional resources and links are offered towards the back of the document.

Copies and comments: electronic copies can be downloaded from the PDAC website at [www.pdac.ca](http://www.pdac.ca) (see Issues & Advocacy / Aboriginal Affairs)

To request a bound copy of the kit or to submit your comments, please contact Philip Bousquet, PDAC Director, Sustainability at [pbousquet@pdac.ca](mailto:pbousquet@pdac.ca) ▲

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## PDAC CONVENTION • TORONTO • TUESDAY, MARCH 6th, 2007



## ABORIGINAL PARTICIPATION IN THE CANADIAN AND INTERNATIONAL MINERAL INDUSTRY

Direct involvement in the mineral industry by Aboriginal peoples is steadily increasing both in Canada and in other parts of the world. While land jurisdictional issues continue to frustrate some development opportunities, many more Aboriginal communities are successfully engaging mineral companies to the benefit of both the industry and the communities.

Following up on the inaugural session on this theme held in 2006, the 2007 session will offer examples of successful Aboriginal participation in the mineral industry, domestically and internationally, and provide an opportunity for delegates to discuss ways of improving relations, reducing uncertainty and broadening economic benefits. The session will conclude with a panel discussion and questions from attendees.

**March 4-7, 2007**  
**pdac.ca**

### SUNDAY, MARCH 4

**Commodities and market outlook**  
1:00 - 5:00 pm Chairs: Greg Barnes, TD Newcrest, Toronto, Canada & Victor Flores, HSBC Securities Inc., New York, USA

**Overview** - Victor Flores, HSBC Securities Inc., New York, USA  
**Gold** - Martin Murenbeeld, Dundee Group of Companies, Victoria, Canada  
**Silver** - Jim Steel, HSBC Securities Inc., New York, USA  
**Copper** - Speaker to be announced  
**Nickel** - Santo Ranieri, Xstrata, Toronto, Canada  
**Zinc** - Mark Patell, Xstrata Zinc, Toronto, Canada  
**Platinum** - Speaker to be announced  
**Aluminum** - Greg Barnes, TD Newcrest, Toronto, Canada  
**Uranium** - David Doerken, Cameco Corporation, Saskatoon, Canada

### MONDAY, MARCH 5

**Opening Ceremonies** 8:45 - 9:15 am  
**Keynote session: Mining's challenges in the 21st century**  
9:15 - 11:30 am Chairs: Rodney N. Thomas, Consulting Geologist, Toronto, Canada & Bob Schafer, Hunter Dickinson Inc., Salt Lake City, USA

**Big successes and big disappointments of the current mining investment cycle** - Barry Cooper, CIBC World Markets Inc., Toronto, Canada  
**Success strategies in the face of rising resource nationalism** - Alex Gorbansky, Frontier Strategy Group, Cambridge, USA  
**Operational strategies and best practices in developing countries** - Carol Fries, Chariot Resources Limited, Lima, Peru  
**The dynamics of mergers and acquisitions and their impact on the junior mining sector** - Gordon Bogden, National Bank Financial Inc., Toronto, Canada  
**Where will the next generation of explorers come from, where will they explore and how will they do it?** - Oliver N. Warin, San Anselmo, USA

**Diamond facets from exploration to environment**  
2:00 - 4:00 pm Chairs: Patricia Sheahan, MDRU-UBC Consultant & Jonathan Fowler, De Beers Canada Inc., Toronto, Canada

**Rio Tinto provides an update on its worldwide exploration activities** - Andy Davy, Rio Tinto Mining & Exploration, Bristol, England  
**Namdeb: There is life yet in this hundred year old world-class placer deposit** - Robert Burrell, Namdeb Diamond Corporation, Oranjemund, Namibia

**Addressing environmental challenges within De Beers operations** - Patti Wickens, De Beers Group Mining & Exploration, Claremont, South Africa  
**Leadbetter diamond property, Northwest Ontario: A new deposit model for diamond exploration in Canada** - John Ryder, Dianor Resources Inc., Val d'Or, Canada

**Diamonds North's Pelly Bay diamond district: Demonstrates the potential for success** - Mark Kolebaba, Diamonds North Resources Ltd., Vancouver, Canada

**Exploration tool box**  
2:00 - 4:30 pm Chairs: Peter Legein, Quantec Geoscience Ltd. & Reno Pressacco, Micon International, Toronto, Canada

**Evolution and application of 2D and 3D GIS in mineral exploration** - John McGaughey, Mira Geoscience Limited, Westmount, Canada  
**Development and use of Ground IP and MT geophysical surveys** - Rob Gordon, Quantec Geoscience Ltd., Toronto, Canada  
**GPS in mineral exploration** - Murray Hall, Halltech Corporation, Guelph, Canada  
**Geochemistry as a tool for discovery of the Ixhuatán Au district, Mexico** - Phil Pyle, Linear Gold Corp., Houston, USA  
**Data mining: Access and use of government geoscience databases** - Ric Syme, Manitoba Geological Survey, Winnipeg, Canada  
**3D GIS: A discovery tool in the Noranda VMS Camp** - Louis Martin, Xstrata Copper, Rouyn-Noranda, Canada

**The African Copperbelt: A renaissance**  
2:00 - 4:30 pm Chairs: David Davidson, Paradigm Capital Inc. & Kevin van Nierkerk, Equinox Minerals Limited, Toronto, Canada

**A new look at the geology of the Zambian Copperbelt** - David Selley, University of Tasmania, Hobart, Australia  
**Infrastructure challenges** - Arnaldo Ismay, Ausenco Engineering, Vancouver, Canada  
**Handling investment risk in the Democratic Republic of the Congo and political risks in Zambia** - Ronald Doyle, Millennium Credit Risk Management Limited, Ottawa, Canada  
**Social issues and corporate responsibility** - Richard Culp-Robinson, PACT Inc., Lubumbashi, Democratic Republic of the Congo  
**Panel focusing on recent experiences in mine development**

### TUESDAY, MARCH 6

**Aboriginal participation in the mineral industry: Canada and international**  
9:00 - 12:00 noon Chairs: Don Bubar, Avalon Ventures Ltd. & Hans Matthews, Canadian Aboriginal Minerals Association, Toronto, Canada

**Red Dog zinc-lead mine: A model partnership** - Jim Kulas, Teck Cominco Limited, Anchorage & Walter Sampson, NANA Regional Corporation, Alaska, USA  
**Commercial certainty and commercial security for all** - Parry Agius, ALRM Native Unit, Adelaide, Australia  
**Fortune Minerals Limited/ThiCho First Nation: Working together for the successful development of the NICO gold-cobalt-**

**bismuth project, NWT** - Robin Goad, Fortune Minerals Limited, London & Grand Chief George Mackenzie, ThiCho First Nation, Northwest Territories, Canada  
**Lessons to be learned in Ontario: K1 First Nation and Platinex** - John Olthuis, Olthuis, Kleer, Townshed, Toronto, Canada  
**Panel discussion on aboriginal participation**

**The new Archean (part one of two)**  
9:00 am - 12:00 noon Chairs: Neil Gow, Aurugin Resources Ltd., Toronto & Phil Thurston, Laurentian University, Sudbury, Canada

**Archean cratons: A global view** - Wouter Bleeker, Geological Survey of Canada, Ottawa, Canada  
**New stratigraphic and structural influences on development of structure and related base metal mineralization in the Abitibi greenstone belt** - Phil Thurston, Laurentian University, Sudbury, Canada  
**The role of early architecture and late structural overprinting in Abitibi Greenstone Belt metallogeny** - John Ayer, Ontario Ministry of Northern Development and Mines, Sudbury, Canada

**New geological framework of the Québec portion of the Abitibi sub-province: Implications for VMS and gold exploration** - Jean Goutier, Ministère des Ressources naturelles et de la Faune Québec, Val d'Or, Canada  
**Reflection seismic surveying in the Abitibi: Looking for structure** - Laurie E. Reed, L.E. Reed Geophysical Consultant Inc., Toronto, Canada  
**Diversity of styles and timing of giant gold deposits in the Superior Province, Canada** - Benoît Dubé, Geological Survey of Canada, Québec City, Canada

**Geophysics**  
2:00 - 4:30 pm Chairs: Peter Walker, Geophysical Algorithms, Mississauga & Richard Smith, Fugro Airborne Surveys, Ottawa, Canada

**Squid development at Anglo-American** - Tiaan LeRoux, Anglo American, Johannesburg, South Africa  
**Resistivity Mapping of deep alteration zones: The LARC Principle** - Rodney Koch, Areva Resources Canada, Saskatoon, Canada  
**Integration and visualization of geophysical and geological data at Inco** - Ben Polzer, CVRD Inco Limited, Sudbury, Canada  
**Early survey results from the Falcon™ helicopter-borne airborne gravity gradiometer system** - Arthur Maddever, BHP Billiton, Melbourne, Australia  
**Assessment of Megatam data** - Denis Bois, Université du Québec en Abitibi-Témiscamingue, Rouyn-Noranda, Canada  
**Mapping subsurface alteration from gravity and magnetic inversion models** - Nick Williams, University of British Columbia, Vancouver, Canada

**The new Archean (part two of two)**  
2:00 - 4:00 pm Chairs: David Christie, TD

Newcrest, Toronto & Alan Galley, Geological Survey of Canada, Ottawa, Canada

**The tectonic evolution of the Archean of southern Africa with emphasis on the Zimbabwe craton and the distribution of gold and Ni-Cu mineralization** - Paul Dirks, University of Witwatersrand, Johannesburg, South Africa  
**New insights into the geodynamic and metallogenic evolution of the Yilgarn craton, Western Australia** - Richard Blewett, Geoscience Australia, Canberra, Australia  
**From plumes to accretion: Changing mineralization styles through ~800 million years of crustal evolution in the Pilbara Craton, Western Australia** - Martin Van Kranendonk, Geological Survey of Western Australia, Perth, Australia  
**Archean evolution of the Fennoscandian Shield (and a framework for mineralization)** - Peter Sorjonen-Ward, Geological Survey of Finland, Espoo, Finland  
**Archean base metal metallogeny in light of new tectonic models: Old rocks, new tricks** - Harold Gibson, Laurentian University, Sudbury, Canada

### WEDNESDAY, MARCH 7

**New discoveries and developments**  
9:00 am - 12:00 noon Chairs: Bill Mercer, Consulting Geologist, Toronto, Canada & Joe Hamilton, African Copper PLC, London, England

**Solwara 1 copper - gold seafloor VMS, Papua New Guinea project** - David Hayden, Nautilus Minerals Inc., Carnidale, Australia  
**Fruta Del Norte gold project, Ecuador** - Patrick Anderson, Aurelian Resources Inc., Toronto, Canada  
**Geological & mineralization overview of the Banro properties located in the Kilbara Belt, eastern Democratic Republic of the Congo** - Michael Skead, Banro Corporation, Toronto, Canada

**Finance**  
9:00 am - 12:00 noon Chairs: Bill Washington, Wellington West Capital Markets Inc. & Daryl Hodges, Jennings Capital Inc., Toronto, Canada

**Mining equity market trends: Gold, base metals and uranium** - Bill Washington, Wellington West Capital Markets Inc., Toronto, Canada  
**Building a new major uranium producer** - Neal Froneman, srx Uranium One Inc., Parktown, South Africa  
**Providing a strategic alternative capital source for juniors** - Paul Brink, Newmont Capital Limited, Toronto, Canada  
**Bank project financing: What, why and how** - Jeff Stufsky, BNP Paribas, New York, USA  
**Flow-through from the fund manager's perspective** - Dennis da Silva, Middlefield Capital Corp., Toronto, Canada  
**A portfolio approach to acquisitions and divestments** - Hugh Agro, Kinross Gold Corporation, Toronto, Canada