



2019

**THE WORLD'S PREMIER
MINERAL EXPLORATION
& MINING CONVENTION**



Metro Toronto Convention Centre, Toronto, Canada | **MARCH 3 – 6, 2019**

CONVENTION PROGRAM

(as of February 4, 2019)

SCHEDULE AT A GLANCE

All events take place in the Metro Toronto Convention Centre, unless otherwise indicated.

	FRIDAY, MARCH 1	SATURDAY, MARCH 2	SUNDAY, MARCH 3	MONDAY, MARCH 4	TUESDAY, MARCH 5	WEDNESDAY, MARCH 6
Registration Desk	7:00 am – 6:00 pm			7:00 am – 5:00 pm Level 300, North Building Level 600, South Building		7:00 am – 12:00 pm
Aboriginal Program Page 19				<p>9:00 am – 11:30 am Room 714 The mineral industry and Indigenous communities</p> <p>2:00 pm – 4:30 pm Room 701 The Aboriginal Forum</p> <p>4:30 pm – 5:30 pm The Aboriginal Forum Networking Reception</p>	<p>Room 717 9:00 am – 12:00 pm Indigenous law and regulatory frameworks</p> <p>2:00 pm – 4:30 pm Aboriginal participation in the mineral industry</p>	
PDAC Annual General Meeting Page 28			9:00 am – 9:30 am Room 202 PDAC Annual General Meeting (Members only)			
Capital Markets Program Page 21			<p>Room 713 9:15 am – 10:00 am Opening remarks and PDAC state of mineral finance outlook</p> <p>10:15 am – 11:15 am Reaching the 'next generation' investor</p> <p>11:30 am – 12:30 pm The value of human capital</p>	<p>Room 714 9:00 am – 10:15 am Financing the mineral industry: Investment banker perspectives</p> <p>10:30 am – 11:30 am Dollars & sense: Portfolio manager insights</p> <p>11:45 am – 12:30 pm Flow-through financing</p> <p>2:00 pm – 3:00 pm Electrification revolution</p> <p>3:30 pm – 4:30 pm Metal streams and royalties</p>	<p>Room 713 9:00 am – 10:15 am M&A and consolidation in the mineral industry</p> <p>10:45 am – 12:00 pm Capitalizing on the boom and bust cycle</p>	
Corporate Presentation Forum for Investors Page 24			<p>10:00 am – 11:30 am Room 801A Gold: Africa, Eurasia and Pacific 1</p> <p>Room 801B Diamonds</p> <p>Room 802 Silver</p> <p>Room 803 Energy materials and specialty products 1</p> <p>2:00 pm – 4:15 pm Room 801A Gold development</p> <p>Room 801B Uranium</p> <p>Room 802 Gold exploration 1</p> <p>Room 803 Energy materials and specialty products 2</p>	<p>10:00 am – 11:30 am Room 801A Gold: Africa, Eurasia and Pacific 2</p> <p>Room 801B Nickel and PGM</p> <p>Room 802 Royalty companies, prospect generators and global financing</p> <p>Room 803 Zinc</p> <p>2:00 pm – 4:30 pm Room 801A Gold: Americas</p> <p>Room 801B Polymetallic exploration</p> <p>Room 802 Gold exploration 2</p> <p>Room 803 Copper</p>		

	FRIDAY, MARCH 1	SATURDAY, MARCH 2	SUNDAY, MARCH 3	MONDAY, MARCH 4	TUESDAY, MARCH 5	WEDNESDAY, MARCH 6
Exhibits Page 65			Level 800 Core Shack, Investors Exchange, Prospectors Tent, Trade Show	10:00 am – 5:00 pm Level 300 Trade Show North		9:00 am – 12:00 pm
Exploration Insights Page 26					9:00 am – 12:00 pm Room 711	
Franco-Mine Page 26			2:30 pm – 5:00 pm Room 202			2:00 pm – 5:00 pm Room 713 Data 2.0: Fuel for the next generation of exploration
Geoscience Data Forum Page 26						
Letter Writer Presentations for Investors Page 28			9:00 am – 4:50 pm Room 801			
Networking Events Page 61		8:00 am – 5:00 pm Scotiabank Pond, Downsview Park Mining Matters Hockey Tournament	10:30 am – 11:30 am Room 701 Opening Ceremonies 3:00 pm – 5:00 pm Room 717 PDAC New Members Networking Reception (By invitation only) 4:00 pm – 6:00 pm Trade Show North Opening Day Reception	12:00 pm – 2:00 pm Room 718 Mineral Outlook Luncheon 3:00 pm – 5:00 pm Trade Show North Trade Show Reception	11:30 am – 1:30 pm Room 105/106 Student-Industry Networking Luncheon 4:00 pm – 6:00 pm Room 105/106 Mining for Diversity Reception 5:30 pm – 11:00 pm Fairmont Royal York, Concert Hall PDAC Awards Gala & After Party	8:00 pm – 12:00 am Fairmont Royal York, Concert Hall Grand Finale
PDAC One on One Meeting Program By invitation only Page 28					8:00 am – 5:00 pm Room 718	8:00 am – 12:00 pm Room 718
Presentation & Reception Rooms Page 29		8:00 am – 12:00 pm Room 205D Ecuador's new consultation policy Room 206D 3rd annual Western Tethyan Belt session 11:30 am – 1:30 pm Room 203D EIT RawMaterials (Reception Room) 2:00 pm – 6:00 pm Room 205B Partners of EIT RawMaterials Room 205D Ecuador Room 206D Mongolia	8:00 am – 10:00 am Room 203D Bolovia (Reception Room) 8:00 am – 12:00 pm Room 202D Suriname Room 203B Colombia 8:00 am – 6:00 pm Room 206B Turkey 8:30 am – 12:00 pm Room 202B 6th annual Invest in Canada's North Seminar 9:00 am – 5:00 pm Room 206D Peru	8:00 am – 10:00 am Room 203B Ireland 8:00 am – 10:00 am Room 203D Alternative mine and project financing (Reception Room) 8:00 am – 11:00 pm Room 205D European Union 8:00 am – 12:00 pm Room 205B Argentina Room 206D India 8:30 am – 12:00 pm Room 202D Legal framework for lithium exploration and production in Latin America	7:30 am – 12:00 pm Room 203B Ireland 8:00 am – 10:00 am Room 203D Alternative mine and project financing (Reception Room) 8:00 am – 11:00 pm Room 205D European Union 8:00 am – 12:00 pm Room 205B Argentina Room 206D India 8:30 am – 12:00 pm Room 202D Legal framework for lithium exploration and production in Latin America	8:00 am – 12:00 pm Room 205B Barbados 9:00 am – 12:00 pm Room 206D Chile

SCHEDULE AT A GLANCE

All events take place in the Metro Toronto Convention Centre, unless otherwise indicated.

	FRIDAY, MARCH 1	SATURDAY, MARCH 2	SUNDAY, MARCH 3	MONDAY, MARCH 4	TUESDAY, MARCH 5	WEDNESDAY, MARCH 6
Presentation & Reception Rooms Page 29			<p>6:30 pm – 8:30 pm Room 203D Mongolia (Reception Room)</p>	<p>9:00 am – 6:00 pm Room 105 Canada Room 205D Brazil</p> <p>9:00 am – 7:00 pm Room 205B Greenland</p> <p>11:30 am – 1:30 pm Room 203D Santa Cruz, Argentina (Reception Room)</p> <p>2:00 pm – 5:10 pm Room 203B Australia</p> <p>2:00 pm – 5:30 pm Room 202D The Ontario cobalt belt</p> <p>3:00 pm – 4:30 pm Room 202B Building the mine we want to see</p> <p>3:00 pm – 5:00 pm Room 203D Meet Canada's top stock pickers (Reception Room)</p> <p>6:30 pm – 8:30 pm Room 203D High-capacity marine cargo handling solutions (Reception Room)</p>	<p>9:00 am – 3:00 pm Room 202B Winning in the next commodity cycle</p> <p>9:30 am – 12:00 pm Room 206B South Africa</p> <p>11:30 am – 1:30 pm Room 203D How to leverage returns and maximize value in mining operations (Reception Room)</p> <p>1:30 pm – 6:30 pm Room 205D CERBA</p> <p>2:00 pm – 4:30 pm Room 205B Legal challenges facing the mining industry today</p> <p>2:00 pm – 6:00 pm Room 206B Germany</p> <p>Room 203B Kudz Ze Kayah (KZK): The next generation of Yukon mining</p> <p>Room 206D Invest NWT</p> <p>Room 202D Canada's Atlantic Edge</p> <p>3:00 pm – 5:00 pm Room 203D Alberta (Reception Room)</p> <p>6:30 pm – 8:30 pm Room 203D Suriname (Reception Room)</p>	
SEC disclosure modernization Page 39			<p>4:00 pm – 5:00 pm Room 714</p>			
Short Courses Page 40	<p>8:30 am – 4:30 pm Room 716 Machine learning</p> <p>Room 803B Health and safety</p> <p>8:30 am – 5:00 pm Room 713 Mining financial modeling</p> <p>8:30 am – 5:30 pm Room 701A Applied structural geology</p> <p>8:30 am – 6:00 pm Room 714B Geophysical and geochemical imaging of the upper mantle</p>	<p>8:30 am – 4:30 pm Room 716 Machine learning</p> <p>8:30 am – 5:00 pm Room 803B Effective community engagement</p> <p>8:30 am – 5:30 pm Room 701A Applied structural geology</p> <p>9:00 am – 4:00 pm Room 802 Fundamentos de estimación de recursos minerales</p> <p>9:00 am – 5:00 pm Room 718B Geology, genesis and exploration for magmatic and magmatic-hydrothermal ore deposits</p>	<p>8:00 am – 12:00 pm Room 719B Disclosure do's and don'ts</p> <p>Room 802 Fundamentos de estimación de recursos minerales</p> <p>8:30 am – 12:30 pm Room 717 Reporting and benchmarking resource projects</p> <p>9:00 am – 12:30 pm Room 714 Recognizing the impact of political risk on mining operations, corporate strategy and investment decision-making</p>			<p>9:00 am – 12:30 pm Room 701A Holistic exploration in covered terranes: An example applied to the Cu-Mo porphyry prospectivity of Quesnel, eastern British Columbia</p> <p>9:00 am – 5:00 pm Room 801A Spectral geology: Fundamentals, recent advances and case histories</p>

	FRIDAY, MARCH 1	SATURDAY, MARCH 2	SUNDAY, MARCH 3	MONDAY, MARCH 4	TUESDAY, MARCH 5	WEDNESDAY, MARCH 6
SME Bookstore Page 15				8:00 am – 6:00 pm Level 800, Foyer		8:00 am – 12:00 pm
Student & Early Career Program Page 48			<p>9:30 am – 11:30 am Room 713 Impress for success</p> <p>1:00 pm – 2:00 pm Student Hub, Level 800 PDAC-CIM Toronto Branch Guided Tours 1</p> <p>2:00 pm – 4:00 pm Room 7188 Flash mentoring</p>	<p>10:00 am – 11:00 am Student Hub, Level 800 PDAC-CIM Toronto Branch Guided Tours 2</p> <p>1:00 pm – 2:00 pm Student Hub, Level 800 PDAC-CIM Toronto Branch Guided Tours 3</p> <p>2:00 pm – 4:00 pm Room 714 Deal or no deal: The art and science of project strategy</p>	<p>10:00 am – 11:00 am Student Hub, Level 800 PDAC-CIM Toronto Branch Guided Tours 4</p> <p>10:00 am – 6:00 pm Room 701 PDAC-SEG Student Minerals Colloquium</p> <p>11:30 am – 1:30 pm Room 105/106 Student-Industry Networking Luncheon</p> <p>2:30 pm – 3:30 pm Student Hub, Level 800 PDAC-CIM Toronto Branch Guided Tours 5</p>	
Sustainability Program Page 50		<p>Room 202</p> <p>1:00 pm – 4:30 pm IGF-PDAC-WEF Sustainability Forum</p>	<p>Room 803</p> <p>8:30 am – 9:50 am Biodiversity and the future of the mining industry</p> <p>10:00 am – 10:50 am Small modular reactors</p> <p>11:00 am – 12:00 pm Mining and climate change</p> <p>1:30 pm – 2:50 pm What is the next level for business and government in promoting responsible enterprise?</p> <p>3:00 pm – 4:30 pm Guidance on developing sound security management plans</p>		<p>Room 715</p> <p>8:30 am – 9:50 am Social licence: A data-driven strategy</p> <p>10:00 am – 10:50 am Anti-corruption compliance</p> <p>11:00 am – 12:00 pm Data disclosure and responsible mining</p> <p>1:00 pm – 2:30 pm Gender diverse and inclusive workplaces</p> <p>2:30 pm – 4:00 pm Gender diversity and inclusion in a community setting</p>	<p>Room 803</p> <p>8:30 am – 9:20 am Zombie transparency: Breaking the natural resource curse through data innovation</p> <p>9:30 am – 10:30 am Designing sustainable prosperity</p> <p>10:40 am – 12:30 pm Sustainability Spotlight *NEW FOR PDAC 2019*</p>
Technical Program Page 54			<p>1:00 pm – 3:30 pm Room 711 Financial reporting and taxation</p> <p>Room 713 New exploration technologies</p> <p>1:00 pm – 3:30 pm Room 715 Exploration undercover</p> <p>1:00 pm – 5:20 pm Room 701 Commodities: Metals & industry outlook</p>	<p>9:35 am – 11:35 am Room 701 Keynote session: The next generation</p> <p>2:00 pm – 4:05 pm Room 715 Responsibly sourced minerals</p> <p>Room 717 Technology metals</p> <p>2:00 pm – 4:55 pm Room 716 Diamond exploration and mining</p> <p>2:00 pm – 5:20 pm Room 713 Mining valuation</p>	<p>9:10 am – 11:40 am Room 713 Advances in mineral systems modeling of Ni-Cu-PGE and gold</p> <p>Room 716 Western USA mineral deposits</p> <p>2:00 pm – 4:05 pm Room 711 Geometallurgy</p> <p>2:00 pm – 4:30 pm Room 713 New destinations in mineral exploration</p> <p>2:00 pm – 4:55 pm Room 716 Geophysics</p>	<p>9:10 am – 11:15 am Room 716 New discoveries and developments</p> <p>Room 717 Developing the mine we want to see</p> <p>9:10 am – 11:40 am Room 714 Coarse gold</p> <p>Room 715 Seafloor mining</p>

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2019

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ATTENDEE INFO

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- ▶ [Health and Safety](#)
- ▶ [Finding Your Way Around](#)
- ▶ [PDAC Membership](#)
- ▶ [Services Onsite](#)



SAVE THE DATE



2020

March 1 - 4

**METRO TORONTO
CONVENTION CENTRE**



About PDAC

The Prospectors & Developers Association of Canada (PDAC) is the leading voice of the mineral exploration and development community. With approximately 8,000 members around the world in all sectors of the mining industry, PDAC's mission is to promote a globally-responsible, vibrant and sustainable minerals industry. As the trusted representative of the sector, PDAC encourages best practices in technical, operational, environmental, safety and social performance. PDAC is known worldwide for its annual PDAC Convention, which is regarded as the premier international event for the mineral industry. In 2018, the convention attracted more than 25,000 people from 135 countries annually. Please visit www.pdac.ca.



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The opinions expressed in any presentations are solely those of the presenters and not necessarily those of PDAC, its members, Directors, Board or Staff. PDAC does not guarantee the accuracy or reliability of the information provided therein.

ACCESS PASS INFORMATION

CONVENTION LOCATION






 Metro Toronto Convention Centre (MTCC)
222 Bremner Blvd, Toronto, ON M5V 3L9

EVENING EVENTS LOCATION

 Fairmont Royal York
100 Front St W, Toronto, ON M5J 1E3

Pass access to the following programming

The colours noted below are the colours of the attendee passes

	WHITE ALL ACCESS PASS & ALL ACCESS DAY PASS*	*Day Pass valid on specified days
	<ul style="list-style-type: none"> Technical Program Aboriginal Program Capital Markets Program Core Shack Corporate Presentation Forum for Investors Exploration Insights Investors Exchange and Prospectors Tent 	<ul style="list-style-type: none"> Letter Writer Presentations for Investors Opening Ceremonies Student & Early Career Program Sustainability Program Trade Show Trade Show North
	YELLOW VIP ALL ACCESS PASS	
	VIP Lounge	All Access Pass programming noted above
	RED EXHIBITOR STAFF PASS	
	<ul style="list-style-type: none"> Core Shack Corporate Presentation Forum for Investors Exploration Insights Investors Exchange and Prospectors Tent Letter Writer Presentations for Investors 	<ul style="list-style-type: none"> Opening Ceremonies Student & Early Career Program Trade Show Trade Show North
	GREEN EXHIBITS DAY PASS*	*Valid on specified days
	<ul style="list-style-type: none"> Core Shack Corporate Presentation Forum for Investors Exploration Insights Investors Exchange and Prospectors Tent Letter Writer Presentations for Investors 	<ul style="list-style-type: none"> Opening Ceremonies Student & Early Career Program Trade Show Trade Show North
	BLUE BASIC PRESENTATIONS PASS	
	<ul style="list-style-type: none"> Corporate Presentation Forum for Investors Exploration Insights Letter Writer Presentations for Investors 	<ul style="list-style-type: none"> Opening Ceremonies Student & Early Career Program

WEAR YOUR PASS AT ALL TIMES!

You will not be permitted past Level 600 security without a pass. All pass categories may also attend non-ticketed Presentation & Reception Rooms.

Admission to the Grand Finale is ONLY with a convention pass. Admission to the Short Courses, Mineral Outlook Luncheon and Awards Gala & After Party is by ticket only.

By entering the event premises, you consent to photography and its release, publication or reproduction to be used for news, promotional purposes, advertising, inclusion on websites, social media or any other purpose by PDAC and its partners. Please speak with the photographers and filmmakers directly if you do not wish to be photographed or filmed. Photography is supplied by envisiondigitalphoto.com

Your pass will be scanned during the convention and contact details will be collected for PDAC marketing purposes.

All Access Pass Bag

Sponsored by

Teck



Inside you'll find a:

- Convention Program
- Notebook
- Pen
- Post-it® Notes Pad



All Access Pass holders may recycle their bags at the end of the convention. Donated bags will be given to ArtsJunktion, Toronto District School Board.

Mobile Convention Website

Sponsored by

BHP

Visit www.pdac.ca/convention on your smartphone or tablet to launch the mobile website.

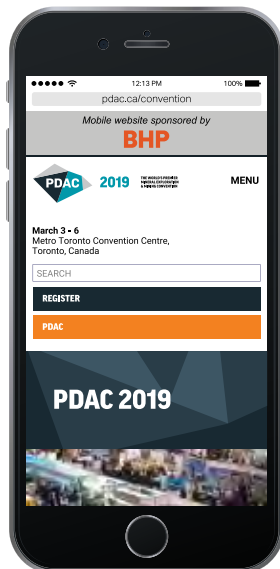
It works like an app. Use this essential tool to plan your time and navigate the convention. Build customized schedules into a smartphone calendar by:

- Adding events and presentations
- Locating and saving exhibitors
- Viewing floorplans

Wi-Fi Password: pdac2019

Enjoy FREE Wi-Fi throughout the MTCC.

Note, there is limited access in exhibit halls.



HEALTH AND SAFETY

In the case of a fire alarm, the MTCC operates a two-phase alarm system:

Stage 1: Slow beeping sound, alert signal

- Remain calm
- If the alarm is beeping slowly, this is a warning
- Do not evacuate the building at this stage
- Await instructions to be announced over the intercom (this will take approximately one minute) or speak to Security Staff

Stage 2: Fast beeping sound, evacuate signal

- Only evacuate the building if instructed to do so over the intercom or by Security Staff
- Leave the building via the closest emergency stairwell
- Fire exits are highlighted in yellow on the floor plans that can be found on pages 8 – 10
- Do not use elevators or escalators
- If you encounter smoke in the stairway, use an alternate exit
- Once outside, stay clear of the building to permit emergency access
- Do not attempt to remove vehicles from parking garages or loading docks
- Do not return until declared safe by the Fire Official

Medical Emergency

In the event of a medical emergency:

- Dial 8160 on any MTCC house phone
- MTCC Security will respond and assess the situation
- If required, MTCC Nurse will be called to scene by MTCC Security
- If required, MTCC Security will call ambulance

NURSE'S OFFICE

South Building, Level 800
North Building, outside Room 203D

Friday	March 1	8:00 am – 6:00 pm
Saturday	March 2	8:00 am – 6:00 pm
Sunday	March 3	7:00 am – 6:00 pm
Monday	March 4	9:00 am – 5:00 pm
Tuesday	March 5	9:00 am – 5:00 pm
Wednesday	March 6	9:00 am – 8:00 pm

The Nurse's offices are staffed by Registered Nurses who are capable of responding to a variety of emergency situations, and can also provide over-the-counter and prescribed medications to attendees. Stations are stocked with AED defibrillators and may also be used for breastfeeding.

FINDING YOUR WAY AROUND

To help you locate convention activities quickly, please refer to the floor plan for each level of the MTCC and check the following lists to find what is on each level. All events take place in the MTCC unless otherwise indicated.

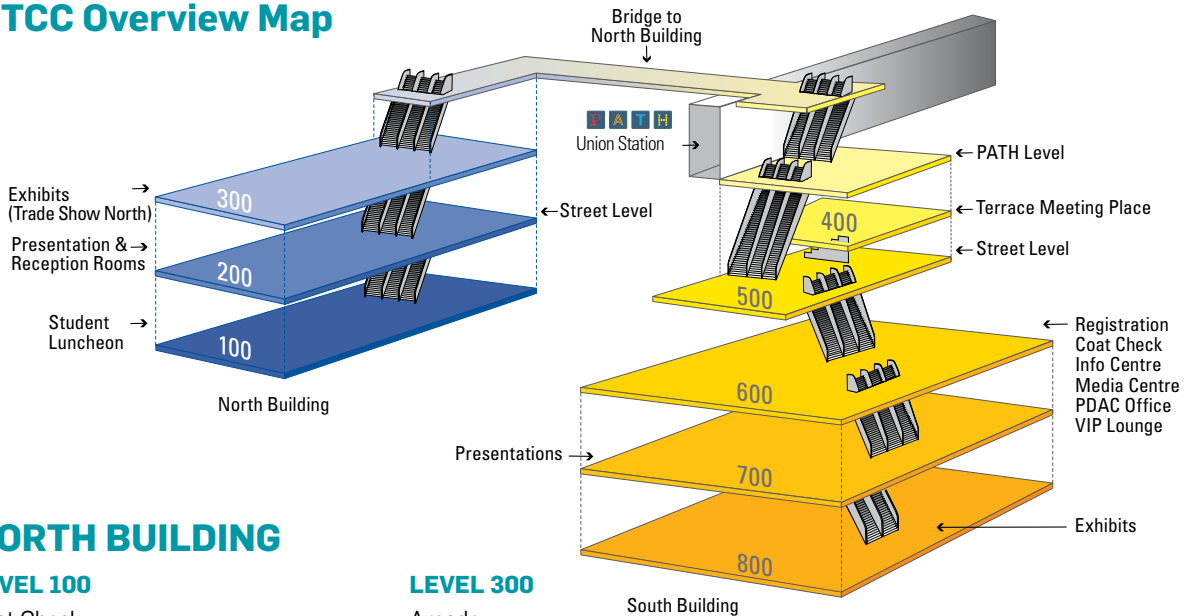
CONVENTION AMBASSADORS

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PDAC Convention ambassadors will be the first to welcome attendees to the convention. Identified by gold t-shirts and caps, the ambassadors will greet and guide attendees to exhibit areas, technical presentations and provide general direction.

MTCC Overview Map



NORTH BUILDING

LEVEL 100

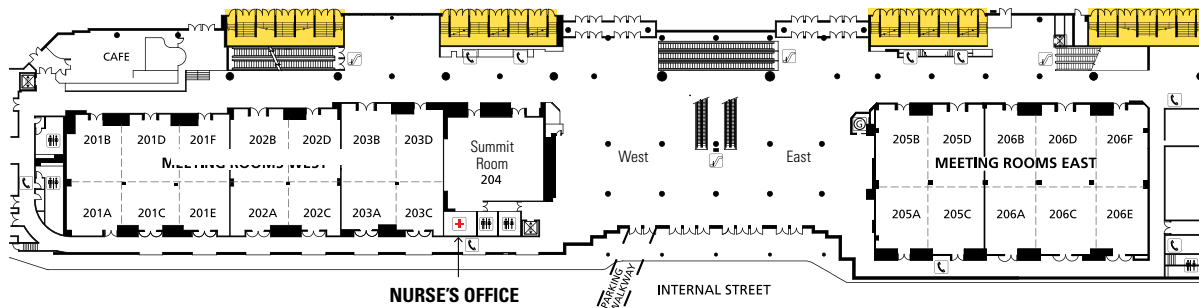
- Coat Check
- Mining for Diversity Reception
- Presentation Room (105)
- Student-Industry Networking Luncheon

LEVEL 200

- Franco-Mine
- Mining Matters Student Program
- Nurse's Office
- Presentation Rooms
- Reception Rooms

LEVEL 300

- Arcade
- Business Centre
- Complimentary Massage Station
- Great North Eatery
- Kirwin Collection
- North Meeting Space
- Opening Day Reception
- Recharge Hub
- Social Scene
- Trade Show North
- Trade Show Reception
- UnEarth International Women in Mining Exhibition
- Water Station



SOUTH BUILDING

LEVEL 400

Terrace Meeting Place

LEVEL 500 (CEREMONIAL)

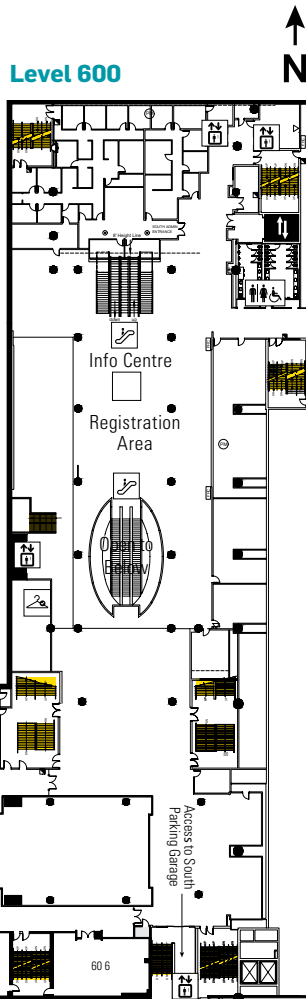
Coat Check (Sun – Wed)
Info Kiosks
Shuttle Service

LEVEL 600

Coat Check (Fri – Sat)
Info Centre
Media Centre
PDAC Office
Registration
VIP Lounge & Meeting Rooms

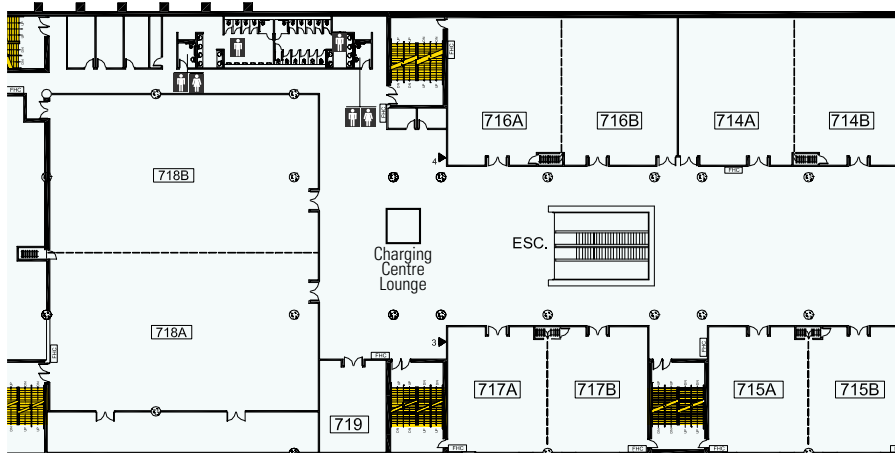
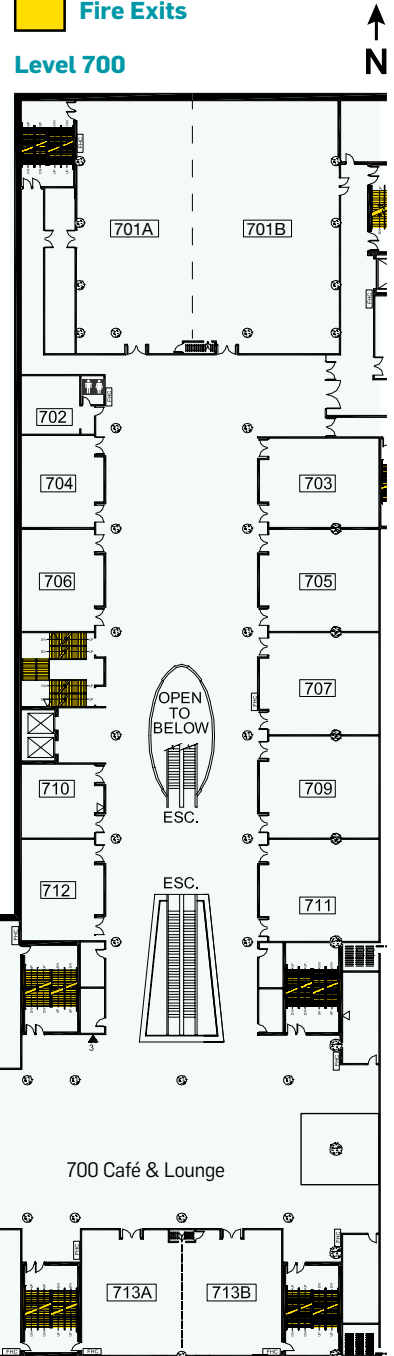
Room 601
Room 603
Room 605

Level 600



Fire Exits

Level 700



LEVEL 700

700 Café & Lounge
Aboriginal Program
Capital Markets Program
Charging Centre Lounge
Commodities: Metals and industry outlook
Exploration Insights
Geoscience Data Forum
Keynote Session
Mineral Outlook Luncheon

Foyer
Various
Various
Near Room 718
Room 701
Room 711
Room 713
Room 701
Room 718

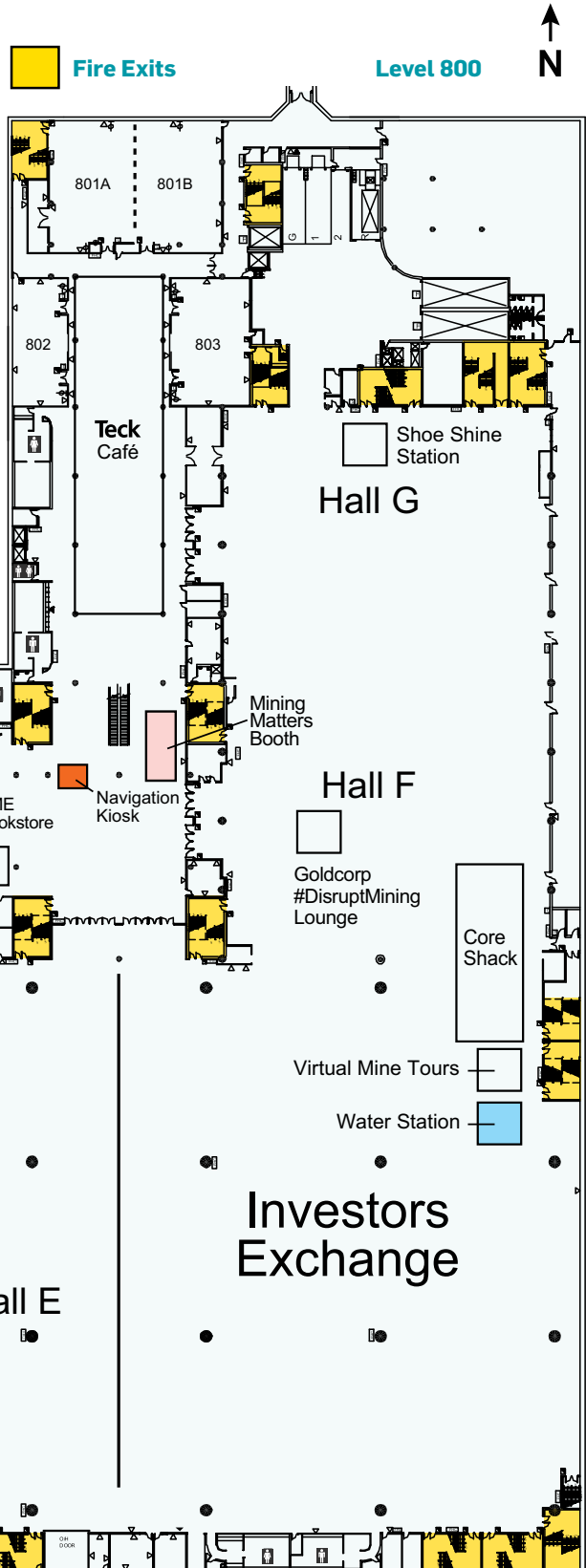
Opening Ceremonies
PDAC New Members Networking Reception
PDAC One on One Meeting Program
Short Courses
Speaker Ready Room
Student & Early Career Program
Sustainability Program
Technical Program

Room 701
Room 717
Room 718
Various
Room 706
Various
Room 715
Various

FINDING YOUR WAY AROUND

LEVEL 800

Business Centre	Foyer
Core Shack	Hall F
Corporate Presentation Forum for Investors	801-803
Food Pavilion	Hall D
Free Headshots	Hall D
Goldcorp #DisruptMining Lounge	Booth 2313
Investors Exchange	Halls E, F, G
Letter Writer Presentations for Investors	Room 801
Media Partner Literature Bins	Foyer
Media Partner Table Tops	Foyer
Membership Pavilion	Foyer
Mining a Supercar	Hall F
Mining Matters Booth	Foyer
Navigation Kiosk	Foyer
Nurse's Office	Foyer
Prospectors Tent	Hall G
Shoe Shine Station	Booth 2405
SME Bookstore	Foyer
Student Hub	Foyer
Teck Café	Foyer
Sustainability Program	Room 803
Trade Show Booths	Halls D & E
Virtual Mine Tours	Booth 3321
Water Stations	Halls D & E



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SERVICES ONSITE

REGISTRATION

📍 South Building, Level 600

Sponsored by

BARRICK

Friday	March 1	7:00 am – 6:00 pm
Saturday	March 2	7:00 am – 6:00 pm
Sunday	March 3	7:00 am – 5:00 pm
Monday	March 4	7:00 am – 5:00 pm
Tuesday	March 5	7:00 am – 5:00 pm
Wednesday	March 6	7:00 am – 12:00 pm

INFO CENTRE

📍 South Building, Level 600, Registration Area

Sponsored by

BARRICK

Whether you need assistance locating a speaker, presentation or an exhibitor, knowledgeable staff are available to assist you.

EXHIBIT HOURS

📍 South Building, Level 800
& North Building, Level 300

Sunday	March 3	10:00 am – 5:00 pm
Monday	March 4	10:00 am – 5:00 pm
Tuesday	March 5	10:00 am – 5:00 pm
Wednesday	March 6	9:00 am – 12:00 pm

MEDIA CENTRE

📍 South Building, Room 601

Sponsored by

TOURISM
TORONTO

Sunday	March 3	8:00 am – 6:00 pm
Monday	March 4	8:00 am – 6:00 pm
Tuesday	March 5	8:00 am – 6:00 pm
Wednesday	March 6	8:00 am – 1:00 pm

BUSINESS CENTRE (MTCC) HOURS

📍 South Building, Level 800,
outside entrance to Hall D

Friday	March 1	8:30 am – 4:30 pm
Saturday	March 2	8:30 am – 4:30 pm
Sunday	March 3	8:30 am – 4:30 pm
Monday	March 4	8:30 am – 4:30 pm
Tuesday	March 5	8:30 am – 4:30 pm
Wednesday	March 6	8:30 am – 4:30 pm

📍 North Building, Level 300,
outside entrance to Hall C

Friday	March 1	8:00 am – 5:00 pm
Saturday	March 2	10:00 am – 6:00 pm
Sunday	March 3	8:00 am – 2:00 pm
Monday	March 4	8:00 am – 5:00 pm
Tuesday	March 5	8:00 am – 5:00 pm
Wednesday	March 6	8:00 am – 5:00 pm

COAT CHECK

📍 North Building, Level 100

Sunday	March 3	7:00 am – 9:00 pm
Monday	March 4	7:00 am – 9:00 pm
Tuesday	March 5	7:00 am – 9:00 pm
Wednesday	March 6	7:00 am – 5:00 pm

📍 South Building, Room 501

Friday	March 1*	7:00 am – 6:30 pm
Saturday	March 2*	7:00 am – 6:00 pm
Sunday	March 3	7:00 am – 6:00 pm
Monday	March 4	7:00 am – 6:00 pm
Tuesday	March 5	7:00 am – 6:00 pm
Wednesday	March 6	7:00 am – 5:30 pm

*Level 600

COMPLIMENTARY MASSAGE STATION

📍 North Building, Trade Show North, Booth 6126N

Sponsored by

MICON INTERNATIONAL LIMITED

Relax, refresh and rejuvenate!

Visit Trade Show North and receive a 15-minute massage from Canada's leading mobile massage provider – Onsite Health.

The massage is given in a specially-designed chair that offers ultimate comfort. The session will focus on back, neck, shoulders, head, arms and hands, and will be provided through clothing.

Sunday	March 3	10:00 am – 5:00 pm
Monday	March 4	10:00 am – 5:00 pm
Tuesday	March 5	10:00 am – 5:00 pm
Wednesday	March 6	9:00 am – 12:00 pm

FREE HEADSHOTS

📍 South Building, Trade Show

Sponsored by

**MAJOR
Drilling**

Need an updated headshot? Take advantage of this service, right on the Trade Show floor, beside the Food Pavilion. Your professional photo will be emailed to you in real time. Perfect for websites, social media, business cards and more.

Sunday	March 3	10:00 am - 4:00 pm
Monday	March 4	10:00 am - 4:00 pm
Tuesday	March 5	10:00 am - 4:00 pm

FREE WI-FI

Sponsored by

BHP

PDAC Wi-Fi service is available throughout the MTCC (limited access in exhibit halls).

Wi-Fi Password: pdac2019

LOUNGES

Charging Centre Lounge

📍 South Building, outside Room 718

Sponsored by



Looking for a place to charge your smartphone? Visit the Charging Centre Lounge. Have a seat and relax while you wait for your charge to complete.

Goldcorp #DisruptMining Lounge

📍 South Building, Investors Exchange, Booth 2313

Sponsored by



This new lounge, conveniently located in the Investors Exchange, provides a much-needed place to take a break as you navigate your way through hundreds of mining companies.

Recharge Hub

📍 North Building, Trade Show North, Booth 7305N

Sponsored by



Want a place to relax and recharge? Visit the new Recharge Hub, equipped with charging tables to charge your mobile device, in Trade Show North. A great location to unwind or meet with colleagues and peers.

SERVICES ONSITE

VIP Lounge

📍 South Building, Room 605

Sponsored by



Only VIP All Access Pass holders have access to this private and exclusive lounge. While in the lounge, take advantage of:

- Daily continental breakfast and light refreshments
- Administrative support including scanning and photocopying
- Five semi-private, free meeting rooms
Reservations required (non-VIP attendees permitted in meeting rooms)

See the attendants to book beginning Sunday.

Sunday, March 3 – Tuesday, March 5 8:00 am – 5:00 pm
Wednesday, March 6 8:00 am – 1:00 pm

Space is limited.

PLACES TO EAT

Teck Café

📍 South Building, Level 800, Foyer

Sponsored by



Cash bar, coffee, beverages, breakfast sandwiches, grab & go items, salads, sandwiches, burrito bowls and stir fry

A popular location with plenty of seating for attendees.

Food Pavilion

📍 South Building, Level 800, Hall D and Foyer

Sponsored by



Cash bar, coffee, beverages, grab & go items, smoothies, smoked meat, pizza, grill station, sushi, Mediterranean and hot dogs

Large seating area for attendees.

700 Café & Lounge

📍 South Building, Level 700, Foyer

Sponsored by



Coffee, beverages, grab & go items

Lounge seating for attendees.

Great North Eatery

📍 North Building, Trade Show North

Cash bar, coffee, beverages, grab & go items, sushi and crepes

Seating area for attendees.

Food Trucks

📍 North Building, Level 200 (exterior street level)

Wednesday: *Only select concessions are open at the Teck Café, Food Pavilion and Great North Eatery.*

SHOE SHINE STATION

📍 South Building, Investors Exchange, Booth 2405

Sponsored by



Enjoy a complimentary shoe shine in between your business meetings. Conveniently located in the Investors Exchange.

SHUTTLE SERVICE

📍 South Building, Level 500

Sponsored by



Take advantage of this PDAC free shuttle service from key downtown hotels to the MTCC, South Building.

Service times

Sunday, March 3 – Tuesday, March 5 8:30 am – 6:00 pm
Wednesday, March 6 7:30 am – 2:00 pm

Participating hotels

- Chelsea Hotel, Toronto (Gerrard St entrance)
- Courtyard by Marriott (on Wood St)
- DoubleTree by Hilton (Chestnut St)
- Fairmont Royal York (Avenues Level, York St entrance)
- Hilton Toronto (Hilton guests walk to the Sheraton Centre)
- Hyatt Regency Toronto (Widmer St entrance)
- One King West Hotel (Melinda St)
- Sheraton Centre (on York St)
- Westin Harbour Castle (Queens Quay)

SME BOOKSTORE

📍 South Building, Level 800, Foyer



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.

Saturday, March 2 – Tuesday, March 5 8:00 am – 6:00 pm
Wednesday, March 6 8:00 am – 12:00 pm

SPEAKER READY ROOM

📍 South Building, Room 706

Friday, March 1 – Tuesday, March 5 7:00 am – 5:00 pm
Wednesday, March 6 7:00 am – 2:00 pm

TERRACE MEETING PLACE

📍 South Building, Level 400

Sponsored by



Assurance | Accounting | Tax | Advisory

Looking for free onsite meeting space? These semi-private meeting rooms are available for one-hour bookings per day.

Visit www.pickatime.com/pdac to use the online booking system to reserve a room. An attendant will also be onsite to accept reservations on a first-come, first-served basis.

Sunday, March 3 – Tuesday, March 5 9:00 am – 5:00 pm
Wednesday, March 6 9:00 am – 12:00 pm

VIRTUAL MINE TOURS

📍 South Building, Investors Exchange, Booth 3321

Sponsored by

VRIFY TECHNOLOGY INC.

Experience interactive data from mine sites such as property boundaries, resource shapes, underground workings and future development plans. Explore various properties – with the VRIFY virtual tour – all from the comfort of the Investors Exchange show floor.

WATER STATIONS

📍 South Building, Exhibit Halls, Aisles 1400 and 3300
North Building, Trade Show North, Aisle 6100

Sponsored by



Feeling thirsty? Fill up your water bottle or drink from the fountain at one of the three water stations.



A FRESH PERSPECTIVE FROM BDO

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OF CANADA

Strength in Numbers.

Join our Community

Become a member of the leading mineral industry association and help strengthen our global voice! To learn more about PDAC or to discuss the benefits of membership, contact us at info@pdac.ca.

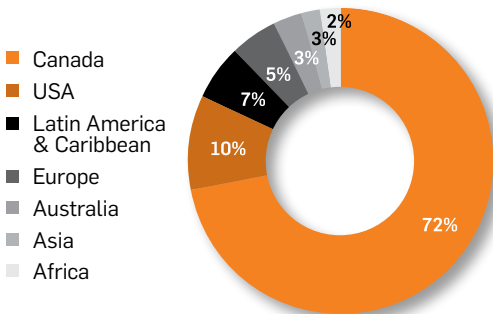
JOIN NOW by visiting our website at pdac.ca/members.

8,000

PDAC Members

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Geo-consulting Services
Junior Exploration Companies
Mid-tier/Major Mining Companies
Legal/Financial/Investment Firms
Service and Equipment Suppliers

Government Sector
Education Sector
Students
Engineering Services
Environmental Services
Industry Associations



55%

of our Canadian members reside in the province of Ontario, followed by 21% in British Columbia and 10% in Quebec



98

countries represented by members of the PDAC

NEW! EXPANDED MEMBER BENEFITS PROGRAM

- **Exclusive Webinars:** Information and insights on key topics related to the mineral sector
- **PDAC Virtual Forum:** Web-based platform for year-round dialogue, information-sharing and networking between members

INDIVIDUAL BENEFITS

Advocacy – the PDAC takes the interests and concerns of its members to governments, international institutions, communities and other stakeholders, to support a competitive and responsible mineral exploration industry

Networking – individual and corporate member representatives enjoy substantial discounts on registration to participate in the PDAC's Annual Convention, regarded worldwide as the premier event for the mineral industry community

Communications – members are kept informed of the PDAC's initiatives and advocacy work that support the minerals industry, and are provided updates on current news and information

CORPORATE BENEFITS

- Member rate on exhibit booths in the Investors Exchange or Trade Show
- Company profile featured on PDAC website
- Company showcased as a corporate member at the PDAC Convention
- 15% discount on an annual subscription to post jobs on pdacjobs.com network
- One complimentary individual membership
- Specially tailored insurance and benefits program exclusive to PDAC members: consultants package, mining/contractors package, group benefits program
- Current news and information about the industry and the Association through our communication platforms: monthly *eNews*, quarterly publication *CORE*, quarterly video updates, annual report

INDIVIDUAL FEES

Core	\$90.48
Regular	\$166.67
Senior	\$19.05
Student	\$19.05

CORPORATE FEES

Junior Mining	\$350
Non-Mining	\$350
Class A-E	\$12,000–\$952.38
(fees based on market cap)	



2019

**THE WORLD'S PREMIER
MINERAL EXPLORATION
& MINING CONVENTION**

- ▶ Aboriginal Program
- ▶ Capital Markets Program
- ▶ Corporate Presentation Forum for Investors
- ▶ Exploration Insights
- ▶ Franco-Mine
- ▶ Geoscience Data Forum
- ▶ Letter Writer Presentations for Investors
- ▶ PDAC Annual General Meeting
- ▶ PDAC One on One Meeting Program
- ▶ Presentation Rooms
- ▶ Reception Rooms
- ▶ SEC Disclosure Modernization
- ▶ Short Courses
- ▶ Student & Early Career Program
- ▶ Sustainability Program
- ▶ Technical Program

PROGRAMMING



PROGRAMMING

Aboriginal Program

All Access Pass required

For more information, please visit www.pdac.ca/convention/programming/aboriginal-program

Pass colour permitted

MONDAY, MARCH 4

9:00 am – 11:30 am

📍 South Building, Room 714

The mineral industry and Indigenous communities: Canadian and international experiences

This session will identify key issues and partnerships between exploration and mining companies and Indigenous communities. Specifically, panelists will examine experiences and share insights about operating in different political, social and cultural contexts around the world and in Canada. Presentations will explore how companies and communities work together using innovative solutions to address a variety of issues. By exploring experiences of engaging with Indigenous communities in Canada and internationally, this session will highlight some of the unique and common challenges, as well as the opportunities when building relationships and developing partnerships. This session will feature presentations on community-based monitoring, company-community engagement in Ecuador, and Inuit student apprenticeships in Greenland.

Chair: Jonathan Fowler, J.A Fowler and Associates Inc.

2:00 pm – 4:30 pm

📍 South Building, Room 701

The Aboriginal Forum: Innovative partnerships

The Aboriginal Forum brings together mineral industry practitioners, Aboriginal communities and companies, and governments to share experiences and highlight the outcomes when working constructively together. The event is a venue for discussion on creating and sustaining mutually beneficial relationships in order to foster a successful mineral industry in Canada and generate opportunities for Aboriginal people. Showcasing models for leading practices in community engagement and Aboriginal participation in the mineral industry, this session will feature presentations on a program that involves local community elders participating on-site at an exploration project to share their wisdom and experience, as well as a panel discussion on how innovative partnerships relate to business development.

The session will be followed by a networking reception from 4:30-5:30 pm, sponsored by Fasken.

Chair: Michael Fox, Indigenous Community Engagement (ICE)

📍 South Building, Room 717

TUESDAY, MARCH 5

9:00 am – 12:00 pm

Indigenous law and regulatory frameworks: The evolving landscape

Jurisprudence related to Aboriginal rights in Canada and regulatory initiatives continue to evolve over time, providing clarity in some areas while at the same time raising new questions and complexities. This ultimately contributes to the shaping and reshaping of the landscape surrounding the mineral sector. Increasing dialogue related to various frameworks and court decisions also contribute to the way in which companies and communities perceive and understand their roles in the sector. This session will seek to examine some of the recent legal decisions, frameworks and regulatory initiatives, as well as key challenges and opportunities that arise for mineral companies and Aboriginal communities in relation to the mineral exploration and mining landscape. Presentations during this session will include discussions on environmental assessments, resource revenue sharing, and an update on Canadian legal jurisprudence related to Aboriginal law.

Chair: Kenning Marchant, The Marchant Practice



PROGRAMMING

Aboriginal Program

All Access Pass required

TUESDAY, MARCH 5

2:00 pm – 4:30 pm

📍 South Building, Room 717

Aboriginal participation in the mineral industry: Collaboration, training and engagement

The mineral exploration and mining industry and Aboriginal communities continue to explore ways to develop positive relationships that translate into mutually beneficial outcomes - successful mineral projects and long-term economic development opportunities for communities. Throughout the project cycle from mineral exploration to mine development and operations, companies and communities have identified a number of challenges impacting the process, as well as opportunities to generate successful partnerships. This session will feature presentations on collaboration between companies and communities, successful training program design and outcomes, as well as a panel discussion on the financial, social, and environment aspects of a project.

Chair: Luka Stevanovic, Prospectors & Developers Association of Canada (PDAC)

6:00 pm – 10:00 pm

📍 Fairmont Royal York, Concert Hall

Skookum Jim Award Presentation: Awards Gala & After Party

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

Admission with ticket



Capital Markets Program *All Access Pass required*

Pass colour permitted

📍 South Building, Room 713

MONDAY, MARCH 4

9:15 am – 10:00 am

Opening remarks and PDAC state of mineral finance outlook

Attendees will be welcomed to the CMP with an overview of current financing trends within the mineral industry based on PDAC analysis of a variety of sector-focused data sources. The review will set the stage for a series of discussions that will map the landscape of mineral exploration and mine development financing.

Presenters:

Kai Hoffmann, Oreninc
Ran Maoz, Prospectors & Developers Association of Canada (PDAC)

10:15 am – 11:15 am

Reaching the 'next generation' investor

New and creative approaches to information disclosure and investor relations that aim to connect with the next generation of investors will be presented by financial services and mineral exploration professionals. Panel participants will discuss how recent technological developments and analysis can be integrated into best practices to expand potential investor pools and recognition in the marketplace.

Chair: Sebastian de Kloet, Red Cloud Klondike Strike Inc.

Panelists:

Chris Beer, RBC Global Asset Management
Andrew Jenkins, Volterra
Stephen de Jong, VRIFY
Nicholas Le Pan, Visual Capitalist



KEYNOTE: THE NEXT GENERATION

MONDAY, MARCH 4 | 9:35 AM

METRO TORONTO CONVENTION CENTRE | ROOM 701

Featuring professionals under 40 focusing on *The Next Generation*

- Young executives will provide their views on current issues and future trends for the mining and exploration industry
- A panel of Young Mining Professionals Scholarship winners will share their perspectives on the future of exploration and mining

Profound innovation fuelled by collaboration



Stephen de Jong
Chief Executive Officer
VRIFY

Where technology, precious metals, jewelry and investment align



Roy Sebag
Chief Executive Officer
Goldmoney Inc.

Panel presentation: Millennials & mining



Romy Done
University of Toronto



Char Duffet
Carleton University



Lewis Wan
British Columbia
Institute of Technology

PROGRAMMING

Capital Markets Program *All Access Pass required*

MONDAY, MARCH 4

11:30 am – 12:30 pm

The value of human capital

With increasing weight being placed on corporate disclosure, sustainability and stakeholder engagement in today's marketplace, the "soft" component of human capital is becoming increasingly important to investors, particularly in the mineral industry. In this session, a panel of industry experts from both sides of the investment process will share perspectives on the importance of having the right people in place, what direct and indirect tools are employed in human capital risk assessment and how to navigate team-building.

Moderator: Ben-Schoeman Geldenhuys, Deloitte LLP

Panelists:

Justin Machin, Denham Capital

Ian Pearce, Newgold Inc.

Michael Rowe, Resource Capital Funds

Kathy Woods, Deloitte LLP

📍 South Building, Room 714

TUESDAY, MARCH 5

9:00 am – 10:15 am

Financing the mineral industry: Investment banker perspectives

Back by popular demand, PDAC is pleased to host a panel discussion by a cohort of investment bankers, who focus exclusively on the resource sector. This hallmark session will provide a global perspective on mineral industry financing from the major Canadian banks. Recent capital flows, commodity outlooks, liquidity and other investment criteria, as well as market access, will be central topics covered by the panel.

Chair: John D. Bridges, JP Morgan

Panelists:

Ilan Bahar, BMO Capital Markets

Peter Collibee, Scotia Capital Inc.

Chris Gratias, CIBC Capital Markets

Ryan Latinovich, RBC Capital Markets

Rick McCreary, TD Securities

10:30 am – 11:30 am

Dollars & sense: Portfolio manager insights

This session will bring together a panel of experienced money managers from well-known institutions that represent nearly \$1 billion in investments and play an influential role in funding the mineral industry. Panel members will discuss tactics and criteria that impact decision making in the investment process for exploration and mining companies. The discussion will also cover current trends influencing investment in the mineral industry and the broader markets, including the impact of growth in other Canadian risk capital sectors such as the cannabis industry.

Chair: Jeff Killeen, Prospectors & Developers Association of Canada (PDAC)

Panelists:

Rob Cohen, Dynamic Funds

Maria Smirnova, Ninepoint Partners LP

11:45 am – 12:30 pm

Flow-through financing: Practical tips for the deal and beyond

This compact session will focus on flow-through shares (FTS) and provide practical insight into the array of considerations senior managers should have through the design of the FTS offering with this "made-in-Canada" financing mechanism. The session will cover basic FTS principles from both an issuer and an investor perspective including tips on how to avoid pitfalls in planning and reporting on exploration spending, as well as more sophisticated opportunities to get the most out of FTS financing. The session will also briefly review recent changes by Canada Revenue Agency (CRA) to expand the scope of Canadian Exploration Expense (CEE) eligibility.

Presenters:

Lisa Davis, PearTree Securities Inc.

Michael Long, KPMG LLP

2:00 pm – 3:00 pm

Electrification revolution: EVs, energy storage and commodity inputs

An electrification revolution has reignited interest in a number of commodities with cobalt and lithium leading the way. Adding nickel, vanadium and manganese to the list forms a foundation for energy storage solutions that power the current generation of electric vehicles (EVs). A panel of experts will discuss how close we are to the next generation of EV battery technologies, and how this evolution will impact economics of input metals.

Moderator: Stephen Stewart, Orefinders Resources Inc. and Power Ore Inc.

Panelists:

Guy Bourassa, Nemaska Lithium Inc.
Ted Graham, General Motors
Anthony Milewski, Cobalt 27 Capital Corp.
Simon Moores, Benchmark Mineral Intelligence
MacMurray Whale, Cormark Securities

3:30 pm – 4:30 pm

Metal streams and royalties: Funding projects and repaying debt

Panel participants will discuss differentiating factors of metal streams and royalties and outline their use in funding exploration, project development, and debt repayment. Royalties and streams will be balanced against other forms of financing commonly available to the mineral industry. A particular focus will be put on their potential benefits and incremental value creation relative to equity and debt mechanisms. Case study review of one or more notable mineral industry transactions will provide context for the discussion.

Chair: Justin Cochrane, Cobalt 27 Capital Corp.

Panelists:

Eaun Gray, Franco-Nevada Corporation
Alex Holmes, Plateau Energy Metals Inc.
Craig Lennon, Highlands Pacific Limited
Juan Merlini, Vale S.A.

📍 South Building, Room 713

WEDNESDAY, MARCH 6

9:00 am – 10:15 am

M&A and consolidation in the mineral industry

M&A activity is fundamental to the exploration/development lifecycle and the long-term health of the industry. Consolidation can act as a tool to improve capital structures and enhance the ability to develop projects. In this session, experts will discuss a spectrum of topics including drivers behind recent activity, valuation fundamentals, how to identify potential M&A candidates and processes that promote better decision making. Defensive tactics, shareholder activism, regulatory issues and a 2019 outlook will round out the discussion.

Chair: Gesta Abols, Fasken Martineau DuMoulin LLP

Panelists:

John McCluskey, Alamos Gold Inc.
Jason K. Menard, Scotia Capital Inc.
Nimesh N. Patel, AMCI Capital LLC

10:45 am – 12:00 pm

Capitalizing on the boom-and-bust cycle

The mineral industry has a long history of boom and bust cycles. High leverage during upcycles attracts investors but this motive often leads to material balance sheet impairments and destruction of shareholder value during cycle downturns. The cycle can be equally harsh for an operator, leading to downsizing and talent loss. Is there a business model that allows investors and operators to benefit rather than be victims of the cycle? A panel of industry executives will explore issues and ideas and debate how best to manage priorities through cycles of boom and bust.

Moderator: Paul Brink, Franco-Nevada Corporation

Panelists:

Alden Greenhouse, Agnico Eagle Mines Ltd.
Bish Chanda, Consultant, Change Management & Mining Project Development
Christian Milau, Equinox Gold
Lawrence Devon Smith, Lawrence Devon Smith & Associates

PROGRAMMING

Corporate Presentation Forum for Investors

📍 South Building, Level 800

Sponsored by



MONDAY, MARCH 4

Morning

Gold: Africa, Eurasia and Pacific 1

📍 Room: 801A

Chair: Ovais Habib, Scotiabank GBM

- 10:00 am** Teranga Gold Corporation, Richard Young
- 10:15 am** Roxgold Inc., John Dorward
- 10:30 am** SEMAFO Inc., John Jentz
- 10:45 am** Golden Star Resources Ltd., Sam Coetzer
- 11:00 am** B2Gold Corp., Clive Johnson
- 11:15 am** Dundee Precious Metals Inc., Rick Howes

Diamonds

📍 Room: 801B

Chair: Alisha Hiyate, Diamonds in Canada

- 10:00 am** Diamcor Mining Inc., Dean H. Taylor
- 10:15 am** Lucara Diamond Corp., Eira Thomas
- 10:30 am** North Arrow Minerals Inc., Ken Armstrong
- 10:45 am** Star Diamond Corporation, George Read
- 11:00 am** Stornoway Diamond Corporation, Patrick Godin

Silver

📍 Room: 802

Chair: George Topping, Industrial Alliance

- 10:00 am** Hecla Mining Company, Phillips S. Baker, Jr.
- 10:15 am** Silvercorp Metals Inc., Lon Shaver
- 10:30 am** Endeavour Silver Corp., Bradford Cooke
- 10:45 am** SilverCrest Metals Inc., Chris Ritchie
- 11:00 am** Excellon Resources Inc., Brendan Cahill
- 11:15 am** Avino Silver & Gold Mines Ltd., David Wolfen

Energy materials and specialty products 1

📍 Room: 803

Chair: Luisa Moreno, Tahuti Global Inc.

- 10:00 am** eCobalt Solutions Inc., Michael Callahan
- 10:15 am** Frontier Lithium Inc., Trevor Walker
- 10:30 am** Largo Resources Ltd., Mark A. Smith
- 10:45 am** Neo Lithium Corp., Waldo Perez
- 11:00 am** Scandium International Mining Corp., George Putnam
- 11:15 am** Canada Cobalt Works Inc., Frank Basa

Afternoon

Gold development

📍 Room: 801A

Chair: Mark Mihaljevic, RBC Capital Markets

- 2:00 pm** Lundin Gold Inc., Ron Hochstein
- 2:15 pm** Novagold Resources Inc., Gregory Lang
- 2:30 pm** Orla Mining Ltd., Jason Simpson
- 2:45 pm** Midas Gold Corp., Stephen Quin
- 3:00 pm** Continental Gold Inc., Ari Sussman
- 3:15 pm** Bluestone Resources Inc., Darren Klinck
- 3:30 pm** INV Metals Inc., Candace MacGibbon
- 3:45 pm** Kerr Mines Inc., Claudio Ciavarella
- 4:00 pm** Rubicon Minerals Corporation, George Ogilvie

Uranium

📍 Room: 801B

Chair: David Talbot, Eight Capital

- 2:00 pm** Denison Mines Corp., David Cates
- 2:15 pm** NexGen Energy Ltd., Leigh Curyer
- 2:30 pm** Fission Uranium Corp., Ross McElroy
- 2:45 pm** Energy Fuels Inc., Mark S. Chalmers
- 3:00 pm** Ur-Energy Inc., Jeffrey Klenda
- 3:15 pm** Uranium Energy Corp., Amir Adnani
- 3:30 pm** Vimy Resources Limited, Mike Young
- 3:45 pm** UEX Corporation, Roger Lemaitre
- 4:00 pm** Skyharbour Resources Ltd, Jordan Trimble

Gold exploration 1

📍 Room: 802

Chair: Andrea Cheung, Independent Mining Analyst

- 2:00 pm** Moneta Porcupine Mines Inc., Gary O'Connor
- 2:15 pm** RNC Minerals, Mark Selby
- 2:30 pm** Aurania Resources Ltd., Richard Spencer
- 2:45 pm** Core Gold Inc., Keith Piggott
- 3:00 pm** Corvus Gold Inc.
- 3:15 pm** Liberty Gold Corp., Cal Everett
- 3:30 pm** Revival Gold Inc., Hugh Agro
- 3:45 pm** GFG Resources Inc., Brian Skanderbeg
- 4:00 pm** Cabral Gold Ltd., Alan Carter

Energy materials and specialty products 2

📍 Room: 803

Chair: MacMurray Whale, Cormack Securities

- 2:00 pm** Clean TeQ Holdings Limited, Sam Riggall
- 2:15 pm** First Cobalt Corp., Trent Mell
- 2:30 pm** Fortune Minerals Limited, Robin Goad
- 2:45 pm** Geomega Resources Inc., Kiril Mugerma
- 3:00 pm** ioneer Ltd., Bernard Rowe
- 3:15 pm** Lithium Chile Inc., Jose De Castro
- 3:30 pm** Plateau Energy Metals Inc., Alex Holmes
- 3:45 pm** SQM, Irina Axenova
- 4:00 pm** North American Palladium Ltd., Jim Gallagher

TUESDAY, MARCH 5

Morning

Gold: Africa, Eurasia and Pacific 2

📍 Room: 801A

Chair: Chris Thompson, PI Financial Corp.

- 10:00 am** Medgold Resources Corp., Jeremy Crozier
- 10:15 am** Mundoro Capital Inc., Teo Dechev
- 10:30 am** Osino Resources Corp., Heye Daun
- 10:45 am** Orezone Gold Corporation, Patrick Downey
- 11:00 am** K92 Mining Inc, John Lewins
- 11:15 am** China Gold International Resources Corp. Ltd., Jerry Xie

Nickel and PGM

📍 Room: 801B

Chair: Patricia Stirbys, Consultant

- 10:00 am** Garibaldi Resources Corp., Peter Lightfoot
- 10:15 am** Sherritt International Corp., Steve Wood
- 10:30 am** FPX Nickel Corp., Martin Turenne
- 10:45 am** Balmoral Resources Ltd., Darin Wagner
- 11:00 am** Noront Resources Ltd., Alan Coutts
- 11:15 am** Talon Metals Corp., Etienne Dinel

Royalty companies, prospect generators and global financing

📍 Room: 802

Chair: Jim Chan, ERM

- 10:00 am** Abitibi Royalties Inc., Ian Ball
- 10:15 am** Altius Minerals Corporation, Flora Wood
- 10:30 am** EMX Royalty Corp., David Cole
- 10:45 am** Mirasol Resources Ltd., Norm Pitcher
- 11:00 am** Sandstorm Gold Royalties, David Awram
- 11:15 am** Sprott Inc., Rick Rule

Zinc

📍 Room: 803

Chair: Harvey Morrison, Mackie Research Capital Corporation

- 10:00 am** Fireweed Zinc Ltd., Brandon Macdonald
- 10:15 am** White Rock Minerals Ltd.
- 10:30 am** Tinka Resources Ltd., Graham Carman
- 10:45 am** Aquila Resources Inc., Barry Hildred
- 11:00 am** Titan Mining Corporation, Donald Taylor
- 11:15 am** Trevali Mining Corporation, Mark Cruise

Afternoon

Gold: Americas

📍 Room: 801A

Chair: David Christie, Orford Mining Corp.

- 2:00 pm** Alamos Gold Inc., Scott Parsons
- 2:15 pm** Kirkland Lake Gold Ltd., Mark Utting
- 2:30 pm** New Gold Inc., Renaud Adams
- 2:45 pm** Detour Gold Corporation, Frazer Bouchier
- 3:00 pm** SSR Mining Inc., Paul Benson
- 3:15 pm** McEwen Mining Inc., Robert McEwen
- 3:30 pm** Equinox Gold Corp., Christian Milau
- 3:45 pm** Leagold Mining Corporation, Doug Reddy
- 4:00 pm** Atlantic Gold Corporation, Maryse Belanger

Polymetallic exploration

📍 Room: 801B

Chair: Jeffrey Woolley, Paradigm Capital

- 2:00 pm** Callinex Mines Inc., Max Porterfield
- 2:15 pm** Canstar Resources Inc, Christos Doulis
- 2:30 pm** Foran Mining Corporation, Patrick Soares
- 2:45 pm** Hannan Metals Ltd, Michael Hudson
- 3:00 pm** Happy Creek Minerals Ltd, David Blann
- 3:15 pm** Murchison Minerals Ltd., Jean-Charles (JC) Potvin
- 3:30 pm** Happy Creek Minerals Ltd., David Blann
- 3:45 pm** SLAM Exploration Ltd., Michael Taylor
- 4:00 pm** Tethyan Resources Plc., Fabian Baker

Gold exploration 2

📍 Room: 802

Chair: Ryan Walker, Echelon Wealth Partners

- 2:00 pm** American Creek Resources Ltd., Kelvin Burton
- 2:15 pm** Sabina Gold & Silver Corp., Bruce McLeod
- 2:30 pm** Auryn Resources Inc., Russell Starr
- 2:45 pm** TerraX Minerals Inc., David Suda
- 3:00 pm** White Gold Corp., Shawn Ryan
- 3:15 pm** ATAC Resources Ltd., Graham Downs
- 3:30 pm** GT Gold Corp., Steve Burleton
- 3:45 pm** Great Bear Resources, Chris Taylor
- 4:00 pm** Skeena Resources Ltd., Kelly Earle

Copper

📍 Room: 803

Chair: Reno Pressacco, RPA Inc.

- 2:00 pm** NGEx Resources Inc., Wojtek Wodzicki
- 2:15 pm** Filo Mining Corp., Adam Lundin
- 2:30 pm** Copper Mountain Mining Corporation, David Awram
- 2:45 pm** Excelsior Mining Corp., Stephen Twyerould
- 3:00 pm** Ivanhoe Mines Ltd., Egizio Bianchini
- 3:15 pm** Nevada Copper Corp., Matt Gili
- 3:30 pm** Sierra Metals Inc., Igor Gonzales
- 3:45 pm** SolGold, Nick Mather
- 4:00 pm** CopperBank Resources Corp., Giulio T. Bonifacio
- 4:15 pm** Adventus Zinc Corporation, Christian Kargl-Simard

PROGRAMMING

Exploration Insights

Open to all pass types

TUESDAY, MARCH 5

9:00 am – 12:00 pm

📍 South Building, Room 711

Sponsored by
IBK CAPITAL CORP.

Chairs: Reno Pressacco, RPA Inc., Toronto & John Sullivan, Mineral Exploration Consultant, Aurora, Canada

- 9:10 am** **A new world class uranium deposit in the Tim Mersoi Basin, Republic of Niger, west Africa**, Peter Wollenberg, Global Atomic Corporation, Toronto, Canada
- 9:35 am** **Improving geological mapping with airborne geophysics and unsupervised machine learning**, Charles Bérubé, GoldSpot Discoveries Inc., Montreal, Canada
- 10:00 am** **Predictive modelling that works: Big data analytics applied to country-scale exploration**, Jean-Marc Lulin, Azimut Exploration Inc., Longueuil, Canada
- 10:25 am** **Paper to predictive models: Goldcorp's journey applying artificial intelligence in the mining industry**, Robin Fell, Goldcorp Inc., Vancouver, Canada
- 10:50 am** **Geoscience INTEGRATOR: The missing link in AI for exploration**, John McGaughey, Mira Geoscience Ltd., Montreal, Canada
- 11:15 am** **Smart imaging sensor integration with innovative machine learning for efficient drill-core mapping**, Richard Gloaguen, Helmholtz-Zentrum Dresden-Rossendorf (HZDR), Freiberg, Germany

Franco-Mine

Open to all pass types

SUNDAY, MARCH 3

2:30 pm – 5:00 pm

📍 North Building, Room 202

Event is in French. Simultaneous interpretation to English provided.

En collaboration avec l'Institut canadien des mines, de la métallurgie et du pétrole (ICM). Cette rencontre prestigieuse menée entièrement en français et à laquelle participent de nombreux décideurs de l'industrie comprend des présentations et une discussion entre des chefs de délégation provenant de certains pays francophones de l'Afrique. À titre d'événement exclusivement francophone ayant lieu pendant la conférence de l'ACPE de 2019, Franco-Mine procure une excellente plate-forme pour découvrir de nouvelles occasions dans ces pays.

Geoscience Data Forum

Open to all pass types

WEDNESDAY, MARCH 6

2:00 pm – 5:00 pm

📍 South Building, Room 713

Data 2.0: Fuel for the next generation of exploration

Benchmarking the current state and charting a path forward, the workshop will discuss strategic data and formats integral to future exploration processes in an environment where data is becoming increasingly complex and acquired at an accelerating pace. The workshop will also outline PDAC's Exploration Assessment Digital Data Format (EADDF), and how this proposed Canada-wide standard for assessment results submission can drive more efficient exploration targeting and discoveries within Canada.

- 2:00 pm** **Introduction**, Charles Beaudry, Consultant, Toronto, Canada & Ken Witherly, Condor Consulting Inc., Lakewood, USA
- 2:10 pm** **The Exploration Assessment Digital Data Format Proposal (EADDF): Inspiration, philosophy, implementation and examples of the formats**, Charles Beaudry, Consultant, Toronto, Canada
- 2:55 pm** **Regional pre-competitive geophysical data: State of the art and it's future**, Jenna McKenzie, Ronacher McKenzie Geoscience Inc., Toronto, Canada
- 3:30 pm** Break
- 3:45 pm** **Pre-competitive data 2.0: The revolution in what we acquire; will we be ready for what comes next?**, Ken Witherly, Condor Consulting Inc., Lakewood, USA
- 4:15 pm** **The Importance of pre-competitive in South Australia**, Rohan Cobcroft, Geological Survey of South Australia, Adelaide, Australia
- 4:45 pm** Discussion

BARRICK

THE NEW VALUE CHAMPION

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WORLD CLASS PEOPLE.**

Barrick Gold and Randgold Resources merger concluded 1 January 2019

- Committed to creating long-term value for all stakeholders, including the governments and people of its host countries
- Five of the world's Top 10 Tier One gold assets
- Global portfolio of prime prospects
- Team with proven record of delivery
- Focus on disciplined growth and sustainable profitability



PROGRAMMING

Letter Writer Presentations for Investors *Open to all pass types*

📍 South Building, Room 801

SUNDAY, MARCH 3

9:00 am – 5:00 pm

Sponsored by

**SPROTT INC.
PETER BOJTOS**

Organizer & Chair: Peter Bojtos, Independent Company Director

Co-Chair: Nikolett Kovacs, Pembridge Resources Plc

- 9:00 am** Peter Bojtos, Welcoming remarks
- 9:05 am** Brian Leni, Junior Stock Review
- 9:30 am** Marino Pieterse, Metal Commodities Investment Platform
- 9:55 am** Joe Mazumdar, Exploration Insights
- 10:20 am** Claude Bejet, Agora Finance France
- 10:45 am** Garrett Goggin, Gold Stock Analyst
- 11:10 am** Gwen Preston, Resource Maven

Chairs: Jennifer North, Avino Silver & Gold Mines Ltd.

- 11:35 am** Jayant Bhandari, Anarcho Capital - Musings on Investing
- 12:00 pm** David O'Brien, International Mining Research
- 12:25 pm** Brent Cook, Exploration Insights
- 12:50 pm** Adrian Day, Global Analyst
- 1:15 pm** Kal Kotecha, Junior Gold Report
- 1:40 pm** Chantelle Schieven, Murenbeeld & Co.

Co-Chair: Sonia Shirprashad, Sprott Private Wealth

- 2:05 pm** Mickey Fulp, The Mercenary Geologist
- 2:30 pm** Lobo Tiggre, The Independent Speculator
- 2:55 pm** Jay Taylor, Jay Taylor's Gold, Energy & Tech Stocks
- 3:20 pm** E. B. Tucker, Casey Research
- 3:45 pm** John Kaiser, Kaiser Research
- 4:10 pm** Rick Rule, Sprott's Thoughts
- 4:45 pm** Peter Bojtos, Closing Remarks

PDAC Annual General Meeting

Members only

📍 North Building, Room 202

SUNDAY, MARCH 3

- 9:00 am** Annual General Meeting
- 9:30 am** Address by The Honourable Andrew Scheer, P.C., M.P., Leader of the Official Opposition and the Conservative Party of Canada

PDAC One on One Meeting Program

By invitation only

📍 South Building, Room 718

**TUESDAY, MARCH 5
WEDNESDAY, MARCH 6**

Sponsored by



PDAC has partnered with Precious Metals Summit Conferences, LLC to offer professionally organized one-on-one meeting services to bring qualified investors together with senior management.

This exclusive program is available only to a select group of PDAC 2019 Investors Exchange Exhibitors, carefully screened, qualified investors and portfolio managers from around the world. Advance registration is required.

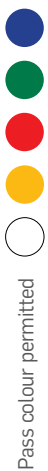
For more information, please visit www.precioussummit.com/event/2019-pdac-one-on-one-meeting-program



Presentation Rooms *Open to all pass types (unless otherwise noted)*

📍 North Building, Level 200

The opinions expressed in these presentations are solely those of the presenters and not necessarily those of PDAC, its members, Directors, Board or Staff. PDAC does not guarantee the accuracy or reliability of the information provided therein. For more detailed descriptions/agendas please visit www.pdac.ca/convention/presentationandreceptionrooms.



SUNDAY, MARCH 3

8:00 am – 12:00 pm

📍 Room 205D

Government of Ecuador's new Consultation Policy for Mineral Activities

Government of the Republic of Ecuador and Solaris Copper Inc.

This event is jointly hosted by the Government of Ecuador and Solaris Copper Inc. With the newly released Consultation Policy for Mineral Activities, speakers will explore the implications, provide insight and discuss the accomplishments and lessons learned from the first pilot project: The Warintza Project. The Warintza Project was selected, among others, due to the successful relationship and partnership established between Solaris and the Pueblo Shuar Arutam.

SPEAKERS:

Andrés Donoso, President, FERRERE Ecuador;
Greame E. Smith, General Manager, SYR Environmental/
SYR Consultants; Vicente Tsakimp, President, Pueblo Shuar
Arutam; Executive Vice President of Corporate Affairs,
Solaris Copper Inc.

All are welcome. Registration is not required.

8:00 am – 12:00 pm

📍 Room 206D

3rd annual Western Tethyan Belt session

Euromax Resources Ltd. and Mundoro Capital Inc.

For the third consecutive year, Euromax Resources and Mundoro Capital are pleased to host the Western Tethyan Belt session at the PDAC Convention. Which highlights the Tethys as an increasingly attractive mineral development region witnessed by takeovers of previous session participants.

Confirmed participating companies include: Euromax Resources, Mundoro Capital, Zijin Mining, Dundee Precious Metals, MedGold Resources, Velocity Minerals, Euro Sun Mining, Eldorado Gold, Georgian Mining and Chesterfield Resources. Company representatives will discuss their particular projects, while government representatives will offer regional insights.

Tim Baker, Chief Geoscientist of Eldorado Gold Corporation will provide a technical review of the Cretaceous and Cenozoic deposit types and resources across south eastern

Europe and Turkey; followed by a spotlight presentation by Aleksandar Antić, Minister of Mining and Energy, Republic of Serbia.

The western portion of the Tethyan Belt remains underexplored yet is rich with mineral potential, low cost exploration services, local skilled workforces and good infrastructure.

Registration is required. For more information and to register, contact: mkostovska@euromaxresources.mk

2:00 pm – 6:00 pm

📍 Room 205B

Challenges and opportunities facing the European raw materials sector

Partners of EIT RawMaterials

EIT RawMaterials, initiated by the European Institute of Innovation and Technology and a body of the European Union (EU), is the world's largest raw materials consortium. Its mission is to enable the competitiveness of the European minerals, metals and materials sector along the value chain by driving innovation, education and entrepreneurship. EIT RawMaterials unites more than 120 partners, academic and research institutions and industry across more than 20 European countries.

The presentations will detail challenges, opportunities and innovation projects within the European raw materials sector. Keynote speakers include: Karen Hanghøj, CEO, EIT RawMaterials; Ivar S. Fossum, CEO, Nordic Mining; Eric Rasmussen, Director of Natural Resources, European Bank for Reconstruction and Development; Murray Hitzman, Director/CEO, Irish Centre for Research in Applied Geosciences; Geoffrey Ejzenberg, Chief Client Officer, ETF Mining and Michael Hitch, Professor of Mining, Tallinn University of Technology.

Registration is preferred, but not required. For more information and to register, contact: communications@eitrawmaterials.eu

2:00 pm – 6:00 pm

📍 Room 205D

Ecuador session

Government of the Republic of Ecuador

The Ecuadorian mining sector has become an important

PROGRAMMING

Presentation Rooms

Open to all pass types (unless otherwise noted)

destination for miners and investors from around the world, due to its significant wealth creating potential and world-class infrastructure. As part of the program, the Minister of Energy and Non-Renewable Natural Resources and the Vice-Minister of Mining for the Republic of Ecuador will present the country's plans to establish mining as a pillar of the economy, including key objectives to ensure responsible and sustainable mining project development. Revisions to the permit granting process in order to increase exploration activity in Ecuador will also be discussed. Additional presentations will be delivered by delegates of companies currently active in Ecuador.

All are welcome. Registration is not required.

2:00 pm – 6:00 pm

📍 Room 206D

Mongolia@PDAC 2019

**Ministry of Mining and Heavy Industry,
Government of Mongolia**

Mongolia@PDAC 2019 will provide an opportunity for attendees to be updated on mining investment opportunities in Mongolia. Hear success stories first-hand from companies based in Mongolia, as well as, representatives from the Government of Mongolia and the Ministry of Mining and Heavy Industry.

Registration is required. For more information and to register, contact: anuzayau@gmail.com

MONDAY, MARCH 4

8:00 am – 12:00 pm

📍 Room 203B

Colombia Day

National Mining Agency, Government of Colombia

Colombia is a country with great mining potential, but only 3.26% of the country's surface is dedicated to this activity. In recent years, a high potential for mineral resources has been identified by the Ministry of Mines and Energy, especially gold, silver and copper.

The territory's geological formation, located in the belt of the Andes mountain chain, favours environments which show a favorable tendency for metallic prospects and deposits. A 27% increase in gold production by 2020 is anticipated in this region.

Discover Colombia's geological potential and mining opportunities and meet government representatives from the Ministry of Mines and Energy and the National Mining Agency.

Topics will include:

- Mining and the environment
- The mining authority and its role in encouraging projects
- Opportunities and challenges for mining
- New projects involving metallic minerals

*Registration is preferred but not required.
For more information and to register, contact:
promocion@anm.gov.co*

8:00 am – 12:00 pm

📍 Room 202D

Upgrading mining in Suriname

Ministry of National Resources, Government of Suriname

Suriname is a South American country that is rich in resources. In Suriname, the potential for gold and bauxite mining is high and investment opportunities are numerous. Suriname Day will provide insights into these opportunities through a variety of presentations. The Minister of Natural Resources will provide an overview of the mining sector in Suriname and focus on new developments, including the establishment of the Minerals Institute and future plans for the mining sector.

The Director-President of the state mining company, Grassalco LLC., will present various investment opportunities associated with the company. Presentations will also provide exploration data and the potential benefits resulting from the expansion of existing concessions. The event will focus on presenting the various gold mining companies operating in Suriname. Attendees will gain valuable insight regarding potential investment opportunities and procedures to secure a concession.

Registration is preferred, but not required. For more information or to register, contact valerie.lalji@naturalresources.gov.sr or valerielalji@gmail.com

8:00 am – 6:00 pm

📍 Room 206B

An overview of Turkey's mining sector: Opportunities for investment

Republic of Turkey

This program will include a general overview of Turkey's developing mining sector and present outstanding investment opportunities, in addition to discussions on recent developments in the sector. Turkey offers the potential for the discovery of a wide range of economic mineral deposits. Presentations will be made by the Minister of Energy and Natural Resources, the President of the Republic of Turkey Investment Office and private sector firms from Turkey.

Topics will include:

- Latest developments in the mining sector
- Turkey's diverse mineral resources
- Legal update: Investment-friendly legislation and regulations
- Turkey's investment opportunities for the global mining community

Registration is preferred but not required. For more information and to register, contact: hsemerci@enerji.gov.tr or enes.caturoglu@enerji.gov.tr

8:30 am – 12:00 pm

📍 Room 202B

6th annual Invest in Canada's North Seminar

Canadian Northern Economic Development Agency, Northern Projects Management Office (NPMO)

Canada's North is a diverse region that accounts for nearly 40% of Canada's land mass and includes three northern Territories: Yukon, Northwest Territories and Nunavut. The Canadian Northern Economic Development Agency through its Northern Projects Management Office (NPMO), in collaboration with Global Affairs Canada and the three territorial governments, is hosting the 6th annual Invest in Canada's North Seminar, which will showcase the exploration and mining potential across the North.

- You will learn about territorial governments and NPMO's role in the coordination of environmental assessment/regulatory processes in Canada's North
- A panel of Indigenous businesses and development experts will highlight the role of communities in resource development and how collaboration with Indigenous peoples and businesses can result in successful and timely outcomes
- Learn from mining company executives who are operating successful mines in the Arctic about the industry's challenges, including navigating the environmental assessment process in the North

Registration is preferred but not required. For more information and to register, contact: manik.duggar@canada.ca

9:00 am – 5:00 pm

📍 Room 206D

Peru Day

Canada-Peru Chamber of Commerce



Thanks to its abundant mining potential and great mineral

wealth, Peru is among the world's most attractive destinations for mining investment.

In 2019, Peru expects a 30% growth in mining investment and looks forward to a mining project portfolio worth \$59 billion US. These two optimistic indicators can boost Peru's economic, social, environmental and cultural development. In support of these opportunities, the Peruvian government has established coherent and stable regulations in its public and investment policies.

The President of Peru, Ministers of State and key business players from the country's mining and services sectors will participate in the platforms offered by the Peruvian delegation during this important convention, showcasing:

- Peru's strategic mining plan to 2030
- Peru's geological potential
- All mining projects to 2021
- Environmental and social regulations
- Economic and political projections for Peru

All are welcome. Registration is not required.

9:00 am – 6:00 pm

📍 Room 205D

Brazilian Mining Day

ADIMB, Ministry of Mines and Energy, CPRM, ANM, IBRAM and ABPM



Brazil is a major mineral producer occupying a large territory offering advanced mining technology, a sound legal system and robust infrastructure. Recent mining legislation reforms in Brazil support the mining industry and is attracting the attention of investors worldwide.

Brazilian Mining Day 2019 presents an updated view of the Brazilian mining sector, including an examination of its investment opportunities. The Government of Brazil, Brazil's mining sector associations and other representatives of the industry at-large will form this year's Brazilian delegation.

This event features a panel discussion regarding the latest legal developments and issues affecting mining companies operating in Brazil. Topics will focus on:

- Improvements to the country's mining regulations and Brazil's current and planned initiatives to stimulate foreign investment
- Lessons learned and best practices, large Brazilian mine development
- Examples of recent exploration achievements and new mining developments

All are welcome. Registration is not required

PROGRAMMING

Presentation Rooms

Open to all pass types (unless otherwise noted)

9:00 am – 6:00 pm

📍 Room 105

Canada Day at PDAC

Government of Canada, Natural Resources Canada and Global Affairs Canada



Canada Day at PDAC will bring together some of the best and brightest minds in the exploration and mining industry. The program will highlight the new Canadian Minerals and Metals Plan and how its vision of Canada as the leading mining nation will leverage big ideas to galvanize the industry and drive success.

Sessions will showcase Canada's leading innovators, clean technologies, public geoscience and its burgeoning mining service and supply sector. Insights into Canadian leadership on responsible business practices, Indigenous partnerships and diversity initiatives will also be featured.

Other highlights include a Walrus Talk on the Canadian Minerals and Metals Plan and a session on investing in Canada in partnership with Canada's Trade Commissioner Service.

Join us and learn how you can be a part of Canada's exciting mining future!

All are welcome. Registration is not required.

9:00 am – 7:00 pm

📍 Room 205B

Mining in Greenland

Government of Greenland and Greenland Business Association

Greenland Day attracts potential partners, exploration companies and investors from all over the world.

During Greenland Day, the Government of Greenland will provide insight into Greenland's mineral potential and data availability, as well as the ongoing research and mapping projects around Greenland focussing on mineral prospects.

Presentations include information on licensing framework, technical regulations, infrastructure and project updates from exploration companies active in Greenland.

The Greenland Business Association will illustrate the conditions and the realities encountered by companies in the mining industry. The focus of these presentations will be on concrete exploration projects, investment opportunities and

the industrial possibilities for extracting both base metals and rare-earth metals.

This seminar will end with a reception.

Registration is preferred but not required. For more information and to register, contact: helsol@um.dk

2:00 pm – 5:10 pm

📍 Room 203B

Australia: Realize the opportunity

Australia Minerals

Australia has a long history of successful mineral exploration and mining, yet it remains one of the world's most prospective exploration markets.

Australian geological surveys lead the world in facilitating the acquisition, development, application and delivery of precompetitive geoscience-based information. This data is available free to individuals, governments, or companies anywhere in the world. Join us to learn more about Australia's world-leading geological data and data gathering practices.

2:00 pm Session 1. Australia: Geoscience knowledge, precompetitive data and investment opportunities. Hear from the MinEX CRC and the Australian Trade and Investment Commission and get valuable insights from Australia's geological surveys. Gain an understanding of the production profile of key commodities, areas of current activity, infrastructure and geoscience initiatives supporting mineral exploration and local investment assistance

3:25 pm Afternoon tea

3:50 pm Session 2. Australia: New mineral exploration opportunities

Get details on the latest data releases that could lead to identification of Australia's next world-class mineral deposits.

All are welcome. Registration is not required.

2:00 pm – 5:30 pm

📍 Room 202D

The Ontario cobalt belt: Exploration, new discoveries and planned cobalt production

Battery Mineral Resources Limited

Battery Mineral Resources Limited (BMR) is focussed on the exploration and development of minerals critical to the rechargeable battery market. As a result, BMR has assembled a diverse portfolio of cobalt, lithium and graphite projects.

BMR holds extensive landholdings of cobalt in Canada and the US, controlling more than 1,600 km² of one of the most

prospective districts for high-grade primary cobalt (1-21% Co). It is also conducting North America's largest lithium brine exploration project in the Great Basin of the western United States. In addition, BMR owns two high-quality, ex-producing flake graphite deposits in South Korea, home to one of the world's largest battery markets.

BMR will present on the company's projects and plans. High-grade cobalt, including drill core samples from recent project drilling, will be on display.

BMR extends a warm welcome to everyone with an interest in an emerging producer of high-quality, ethically sourced cobalt and other battery materials.

All are welcome. Registration is not required

3:00 pm – 4:30 pm

📍 Room 202B

Building the mine we want to see

ERM

Mining walks a fine line when navigating evolving stakeholder and shareholder expectations. With rising globalization, the demand for mining products and scrutiny over how they are extracted and used continues to grow.

This new reality directly impacts the way we do business. We are affected by changes driven through technological innovation, investor activism, community and consumer demands and government policy.

Drivers including population growth and urbanization, disruptors such as metals substitutes and the circular economy, are elevating sustainable mining. These changes demand a new narrative to communicate the critical role mining plays in securing sustainable global growth.

We will talk about five pillars integral to the future of mining. Panelists will share their perspectives on what it will take for mining to remain a leader in the sustainability space. Attendees can raise their own questions and help to define, "The mine we want to see."

Registration is preferred but not required.
For more information and to register, contact:
navita.khokha@erm.com

TUESDAY, MARCH 5

8:00 am – 11:00 am

📍 Room 205D

Opportunities in the European Union (EU) mineral and mining sector

European Union

The EU industrial value chains rely strongly on the sustainable and responsible supply of raw materials. This supply is secured through sustainable production in the EU and

responsible sourcing from third-party countries.

Despite centuries of mining activity, the EU still holds significant potential due to its stable and efficient minerals policy framework that makes it attractive for investment in exploration and mining.

In addition, the EU is the world's leading exporter of mining equipment and holds a competitive advantage in the raw materials sector. This is supported by several measures to promote innovative exploration, extraction and processing of raw materials.

This business and networking breakfast aims to promote investment opportunities in the EU exploration and mining sector, business opportunities within the EU's innovative mining equipment and services sector and share the EU's values on sustainable and responsible mining.

Registration is preferred but not required. For more information and to register, contact: nyikon@ibf.be

7:30 am – 12:00 pm

📍 Room 203B

Ireland: Open for business

Geological Survey Ireland and Enterprise Ireland

Geological Survey Ireland and Enterprise Ireland welcome you to the "Ireland: Open for business" Forum.

The morning provides updates from the Geological Surveys of Ireland (GSI) and Northern Ireland (GSNI), gold and base metals exploration companies operating in both jurisdictions, Irish geoscience consultants and contractors and the Irish Centre for Research in Applied Geoscience.

Sean Canney, Minister of State for Natural Resources, will deliver the keynote address.

We look forward to seeing you there.

Registration is preferred but not required. For more information and to register, contact: andrew.gaynor@gsi.ie

8:00 am – 12:00 pm

📍 Room 205B

Argentina Forum Day 2019

Government of Argentina

Argentina is a mining investment destination. The presentation will highlight different projects in prospecting, exploration, and development stages through the experiences of local and international major and junior investors. It will also focus on initiatives designed to benefit mining projects, including: an online cadastre, tables of competitiveness, infrastructure, the Toward Sustainable Mining (TSM) initiative, the Argentine-Chilean Mining Integration and Complementarity Treaty (a human rights initiative for extractive industries) and related legal aspects of the initiatives.

PROGRAMMING

Presentation Rooms

Open to all pass types (unless otherwise noted)

Program: Introduction and opening remarks; Updates from the mining provinces; Focus on the mining investor in Argentina.

Registration is required. For more information and to register, contact: rbojanich@minem.gob.ar

8:00 am – 12:00 pm

📍 Room 206D

India Day celebration

Ministry of Mines, Government of India

NALCO, a Government of India enterprise, is planning an event on behalf of India's Ministry of Mines, to showcase the country's mining power. This includes a presentation on investment prospects, exploration, technology collaboration, plant and equipment supply and export and import activity in India focusing on the growth of the Indian mining sector. We are pleased to welcome investors, prospectors, miners and manufacturers from across the globe for breakfast and information about investment opportunities that abound in India.

Registration is required. For more information and to register, contact: pradhanpkay@gmail.com

8:30 am – 12:00 pm

📍 Room 202D

Legal framework for lithium exploration and production in the Latin America lithium triangle

Montt Group

Our regional consulting firm has office in all Latin American countries (except Venezuela) and 250 in-house professionals. The firm will present, in panel format, a key mining topic in Latin America and on the firm's core services that are being offered to mining industry and mining suppliers including:

- A) Legal framework for lithium exploration and production in the Latin America lithium triangle, covering regulation in Argentina, Bolivia and Chile.

Presenters: Santiago Montt, Chile; Julio Cesar Ortiz and Adriana Schwetz, Argentina; and Lucila Barja, Bolivia.

- B) Related services provided by Montt Group, including online software support developed by our company to support:
1. Corporate services
 2. Back office services
 3. Exploration of specific areas, filings for mining concessions and maintenance to fulfill all legal and regulatory requirements
 4. Acquisition by negotiation or litigation of right-of-pass and easements from land owners

5. Due diligence relating to the acquisition of mining properties

6. Sectorial permits for special activities required by governmental agencies

- C) The presentation of projects within our firm's portfolio of mining projects and looking for new projects to be negotiated for specific minerals or areas.

Presenters: Omar Morales and Claudia Nuñez. **Moderator:** Santiago Montt, Global Managing Partners

All are welcome. Registration is not required

9:00 am – 3:00 pm

📍 Room 202B

Winning in the next commodity cycle

McKinsey & Company

9:00 am Welcome

9:05 am Market outlook: Overall mining market/commodity outlook (presentation); New frontier in EV & battery materials (presentation); Updated perspective on gold (presentation)

10:45 am Predictable outcomes in mining capital projects: Improving mining project outcome predictability through increased rigour at feasibility stage (presentation)

11:30 am Talent as a competitive advantage: How can mining companies compete in the war for talent? (panel discussion)

12:30 am Operational excellence through technology enabled mining: Mining Productivity Index (MPI) update (presentation); How operational performance is improving as a result of technology (presentation); Reaching the next 'S-curve' in value through procurement innovation (presentation)

2:55 pm Closing remarks

Registration is required. For more information and to register, contact: [Indira Coutinho at McKinsey_PDAC_2019@mckinsey.com](mailto:Indira.Coutinho@McKinsey_PDAC_2019@mckinsey.com)

9:30 am – 12:00 pm

📍 Room 206B

The annual South African Mining Investment Seminar

The Government of South Africa

South Africa has a long-standing mining heritage and remains the wealthiest mining jurisdiction in the world. Since the inception of its democratic dispensation, the country has developed progressive and internationally competitive

mining policies to benefit both large and small producers. We invite you to experience first-hand, high-level discussions. The Minister of Mineral Resources, together with industry stakeholders, will address key issues facing the South African mining industry. The event will be followed by a networking session.

Registration is required. For more information and to register, contact: millers@dirco.gov.za

2:00 pm – 6:00 pm

📍 Room 206B

Germany Day 2019

Canadian German Chamber of Industry and Commerce & German Mineral Resources Agency (DERA) at the Federal Institute for Geosciences and Natural Resources (BGR)

Building sustainable international supply chains:

Listen to leading German experts examine current and projected demand for strategic raw materials. These are critical to sustaining the long-term growth of Germany's manufacturing and high-tech industry sectors.

With a focus on materials for e-mobility and batteries, Germany Day provides insight into Germany's goal to build up and strengthen international sustainable supply chains.

We will also discuss opportunities for financial support in establishing value chains for strategic minerals and to open new avenues for project development.

Germany Day's objective is to begin building an intensified strategic partnership between Canadian and German enterprises and is open to all.

Registration is preferred but not required. For more information and to register, contact: lena.odebrecht@germanchamber.ca

2:00 pm – 6:00 pm

📍 Room 203B

Kudz Ze Kayah (KZK): The next generation of Yukon mining

BMC Minerals

KZK is located within Yukon's highly prospective Finlayson Lake district, known to host several volcanic massive sulfide (VMS) deposits. In 2014, BMC identified KZK's potential for mine development due to its size, grade, metallurgical properties and the opportunity for resource growth.

In January 2018, the KZK project proposal passed through the adequacy stage of the screening and evaluation process with the Yukon Environmental and Socio-Economic Assessment Board (YESAB). The BMC team is focussed on working with Kaska Dena, local communities, all levels of government and key stakeholder groups to ensure KZK fulfils all necessary environmental and community consultation obligations.

BMC is committed to developing a modern, financially viable and environmentally responsible project at Kudz Ze Kayah that leaves a positive legacy. First production at KZK is scheduled for 2021.

Registration is preferred but not required. For more information and to register, contact: helent@bmcminerals.com

1:30 pm – 6:30 pm

📍 Room 205D

CERBA Eurasia Mining Conference 2019

Canada Eurasia Russia Business Association (CERBA)

CERBA strives to promote a deep understanding of the Eurasian markets and the thoughtful delivery of quality information, analysis and business intelligence regarding its investment and business landscape.

Speakers: Timur Toktabayev, Vice-Minister of Industry and Infrastructure Development of Kazakhstan; Alexander Darchiey, Ambassador of Russia to Canada; Javlon Vakhobov, Ambassador of Uzbekistan to the US and Canada; Akylbek Kamaldinov, Ambassador of Kazakhstan to Canada; JP Natkin, Partner, MacroAdvisory; Chris Westdal, Chairman, Silver Bear Resource; Kanat Kudaibergen, Chairman, Tau-Ken Samrur; Brian Reilly, Senior Vice-President and Chief Operating Officer, Cameco; Andrey Konyukhov, General Director, N-Mining; Aidar Assaubayev, CEO and Board member, Altyn Group

1:30 pm Registration

2:30 pm Welcome remarks

3:00 pm Session 1. Mining in Eurasia: Things to know

4:30 pm Coffee break

5:00 pm Session 2. Investor experience in Eurasia

6:15 pm Networking reception (Ontario Room, Intercontinental Toronto Centre)

Registration is required. For more information and to register, contact: vera@cerbanet.org

2:00 pm – 6:00 pm

📍 Room 206D

Unlocking our potential: Invest NWT

Government of Northwest Territories

Learn more about the world-class mineral potential of Canada's vast Northwest Territories (NWT), during an afternoon of informative presentations and one-on-one conversations. These include a range of topics relating to geoscience research and activity, active and proposed projects, challenges and opportunities, and exciting new programs and initiatives undertaken to support and encourage responsible mineral exploration and development in the NWT.

The NWT has solidified its position as an attractive locale for global mining and exploration companies looking for stable

PROGRAMMING

Presentation Rooms

Open to all pass types (unless otherwise noted)

resource investments by ranking fourth overall out of 96 jurisdictions assessed in The Mining Journal's 2018 World Risk Report.

Registration is required. For more information and to register, contact: unlockingourpotential@gov.nt.ca

2:00 pm – 6:00 pm

📍 Room 202D

Canada's Atlantic Edge: Mineral sector investment and trade opportunities in Newfoundland and Labrador, Nova Scotia and New Brunswick

Atlantic Canada Mining Alliance

Atlantic Canada is an attractive investment destination with a long history of developing world-class mineral deposits. The region hosts the fabled base metal districts of Bathurst, Buchans and Voisey's Bay, the Nova Scotia goldfields and the iron ranges of the Labrador Trough, in addition to a rich endowment of industrial minerals and specialty metals. The region makes a major contribution to Canada's overall mineral wealth, producing more than a dozen different commodities.

Canada's Atlantic Edge is a new, industry-led trade and investment forum that will feature some of the exciting exploration and development plays that are making headlines. This is a unique opportunity to hear from and speak with key players leading some of the region's most advanced projects. A series of short presentations will be followed by a networking reception, which will allow investors to meet with key decision makers and supply-and-service professionals operating in the region.

Registration is preferred, but not required. For more information and to register, contact: seanobrien@miningnl.com

2:00 pm – 4:30 pm

📍 Room 205B

Legal challenges facing the mining industry today

McCarthy Tétrault

The program will offer panel discussions on the latest legal developments and issues facing mining companies operating in Canada and abroad.

Some of this year's seminar topics include: joint ventures and strategic investors, update on the latest issues impacting the mining industry, and business and corporate investigations.

Registration is required. For more information and to register, contact: clientevents@mccarthy.ca

WEDNESDAY, MARCH 4

8:00 am – 12:00 pm

📍 Room 205B

Barbados: Facilitating global enterprise

Invest Barbados

Barbados is home to several international companies involved in or supporting mining, quarrying and oil and gas extraction, as well as a range of other global business activities.

This seminar will provide corporate executives, entrepreneurs and consultants with the latest information on how Barbados continues to meet the changing needs of the global investment community.

Topics to be discussed will include:

- The advantages offered by Barbados to global investors
- Updates on the regulatory environment
- Business structures and initiatives in Barbados
- A Canadian's experience of doing business in Barbados

Registration is required. For more information and to register, contact: toronto@investbarbados.org

9:00 am – 12:00 pm

📍 Room 206D

Chile: Leader in key metals for e-mobility

Trade Commission of Chile, Ministry of Mining, Government of Chile

Chile is a leading global producer of copper and lithium and offers significant reserves of other essential metals to produce electric cars, their batteries and other devices. In this seminar, the Minister of Mining will showcase President Sebastián Piñera's plan to foster exploration and investment in mining based on its renowned base of professionals and its political and economic stability.

All are welcome. Registration is not required.

For more detailed descriptions/agendas please visit www.pdac.ca/convention/presentationand-receptionrooms



2019 MINING COUNTRY SPONSORS



PERU DAY

Monday, March 4
Room 206D
Booth 1423



BRAZIL DAY

Monday, March 4
Room 205D
Booth 1303



CANADA DAY

Monday, March 4
Room 105
Booths 539 & 6501N

Learn more about their on-site programming

pdac.ca/convention/miningcountrysponsors

Media Partners

📍 South Building, Level 800

Free exploration and development-related publications are available to all attendees from literature bins and tabletop displays.



PDAC 2019
official
national
newspaper

2019 MEDIA PARTNERS

- BNN Bloomberg
- Brasil Mineral
- BTV-Business Television
- Bull & Bear Financial Report, The
- Canadian Mining & Energy
- Canadian Mining Magazine
- Canadian National News, The
- Chile Explore Report
- CIM Magazine
- Commodity-TV
- DEL Communications
- Editec Publishing Group
- El Inversor Energético & Minero
- Engineering & Mining Journal
- Enlace Minero Magazine
- Euro Canada News
- Gest Media
- Global Business Reports
- Globe and Mail, The
- Goldletter International
- In The Mine Magazine
- Industrial Minerals
- International Mining
- Investing News Network
- Investorintel.com
- Kitco News
- Metals News
- Mexico Mining Review
- MinerAndina
- Minergía Ecuador
- Miners News
- Minex Forum
- Mining & Quarry World
- Mining Equipment Prospector, The
- Mining Frontier
- Mining Journal
- Mining Record, The
- Mining Review Africa
- Mining Stock Education
- Mining Weekly
- Mining.com
- MundoMinero
- nafinance.com
- nai500.com
- Natural Resources Magazine
- Northern Miner, The
- Oil & Gas Republic
- ProActivo Magazine
- Prospector Resource Investment News, The
- Report: Peru, The
- Resource Global Network
- Resource World Magazine
- Ressources Mines et Industrie
- Revista Minería
- Revista Minería Sustentable
- Rumbo Minero
- Santiago Times, The
- smallcappower.com
- Society of Economic Geologists, Inc.
- stockhouse.com
- Stockpulse.io



PROGRAMMING

Reception Rooms *Open to all pass types (unless otherwise noted)*

📍 North Building, Level 200, Room 203D

The opinions expressed in these presentations are solely those of the presenters and not necessarily those of PDAC, its members, Directors, Board or Staff. PDAC does not guarantee the accuracy or reliability of the information provided therein. For more detailed descriptions/agendas please visit www.pdac.ca/convention/presentationandreceptionrooms.

SUNDAY, MARCH 3

11:30 am – 1:30 pm

EIT RawMaterials networking reception

EIT RawMaterials

EIT RawMaterials' representatives and partners from the innovation community will welcome you to network and identify new collaborative opportunities within the European raw materials sector.

All are welcome. Registration is not required.

6:30 pm – 8:30 pm

Mongolia@PDAC 2019

Ministry of Mining and Heavy Industry, Government of Mongolia

This reception follows the Mongolia@PDAC 2019 forum and offers guests the opportunity to network with representatives of the Government of Mongolia and the forum presenters.

Registration is preferred but not required.

For more information and to register, contact: anuzayau@gmail.com

MONDAY, MARCH 4

8:00 am – 10:00 pm

New investment opportunities in Bolivia's mining industry

Ministry of Mining and Metallurgy, Plurinational State of Bolivia

In the last decade, the mining sector has emerged as a key strategic catalyst for the ongoing development of the country. As a result, Bolivia is actively implementing new mining policies to encourage private foreign investment supported by concise legal legislation and consistent, transparent investment and operational guidelines.

All are welcome. Registration is not required.

11:30 am – 1:30 pm

Mining in Santa Cruz, Argentina

Fomicruz

The metalliferous region of Deseado Massif in Santa Cruz province offers renowned geological potential. Supported by robust infrastructure and established state policy, the region has become an important centre of mining development. The Government of Santa Cruz is focusing on the expansion of the mining sector and is committed to the development of a responsible and sustainable mining industry. Representatives of the Government of Santa Cruz and of companies currently active in Deseado Massif will present an overview of the province's mining activity and its ample investment opportunities.

Registration is preferred, but not required.

For more information and to register, contact: invest@fomicruz.com

3:00 pm – 5:00 pm

Meet Canada's top mining stock pickers and learn how we help make work optional for Canada's mining execs

Thompson Investment Partners, part of Raymond James Ltd.

Just as an efficient mine cannot be constructed without a detailed blueprint, mining executives' personal wealth relies on a plan that accurately reflects the challenges of the resource industry. As the author of *Stock Market Superstars: Secrets of Canada's Top Stock Pickers*, we help a select group of Canadian mining executives implement industry-based strategies to optimize their financial future. Come and meet some of Canada's most successful mining stock pickers mentioned in our book and meet the Thompson Investment Partners team.

Registration is preferred, but not required.

For more information and to register, contact: thompsoninvestments@raymondjames.ca

6:30 pm – 8:30 pm

High-capacity, marine cargo handling solutions for mining companies

The CSL Group

Join the CSL team to acquire important information about our high-capacity marine transshipment and bulk cargo self-unloading solutions. Learn how we can help you to reengineer your supply chain, bypass port constraints, cut capital and freight costs, reduce time to market and lessen your project's environmental footprint. Case studies will demonstrate how we design, build and operate highly efficient and cost-effective bulk supply chain solutions that address unique challenges facing mining companies. Refreshments and light catering are included.

Registration is required. To register, please email: cslpdac@cslships.com

TUESDAY, MARCH 5

8:00 am – 10:00 am

Alternative mine and project financing: Lessons learned in Latin America, the US and the rest of the world

Norton Rose Fulbright

Please join Norton Rose Fulbright for breakfast, followed by a discussion titled, Alternative mine and project financing: Lessons learned in Latin America, the US and the rest of the world.

Registration is required. To register, please email: rsvp.canada@enortonrosefulbright.com

11:30 am – 1:30 pm

How to leverage returns and maximize value in mining operations via optimization: Whittle Consulting presentation and lunch

Whittle Consulting

How much extra value could you generate from your mining operation through effective optimization? Gerald Whittle, CEO of Whittle Consulting, explains how optimization helps mining businesses, governments and investment funds worldwide to significantly maximize the value of finite mineral resources. To join us, please present your business card. This session includes lunch.

All are welcome. Registration is not required

3:00 pm – 5:00 pm

Alberta mines

Government of Alberta

Located in western Canada, the province of Alberta is home to worldclass mining projects in the Athabasca oil sands, as

well as a multitude of metallic and industry mineral deposits. Alberta's mining history has built a global reputation for innovation, operational efficiency and environmental solutions. Join our reception to learn more about the numerous investment opportunities available.

All are welcome. Registration is not required

6:30 pm – 8:30 pm

Suriname Day

Ministry of National Resources, Government of Suriname

Suriname is a South American country that is rich in resources. In Suriname, the potential for gold and bauxite mining is high and investment opportunities are numerous. Network with the Government of Suriname delegates and learn more about the mining sector in Suriname.

Registration is preferred, but not required. For more information or to register, contact valerie.lalji@naturalresources.gov.sr or valerielalji@gmail.com

SEC disclosure modernization: Impacts on resource reporting

SUNDAY, MARCH 3

4:00 pm – 5:00 pm

📍 South Building, Room 714

Recent SEC changes to disclosure rules aim to provide investors with more comprehensive information on properties to support investment decisions. New requirements to disclose resource estimates will largely harmonize U.S. regulations with NI 43-101 and JORC reporting standards. However, minor differences between standards need to be well-understood by operators in order to remain in compliance in the future. This session will host an expert panel discussion on issues related to the timing and scale of changes to disclosure faced by exploration and mining companies registered on U.S. exchanges.

Moderator: Jeff Killeen, Prospectors & Developers Association of Canada (PDAC)

Panelists:

Kwame Awuah-Offei, Missouri University of Science and Technology; Ben Parsons, SRK Consulting (US) Inc. and Richard Lambert, RPA Inc.

PROGRAMMING

Short Courses *Admission with ticket*

The Association of Professional Geoscientists of Ontario (APGO) considers participation by its members in these courses as an acceptable Continuing Professional Development activity. This program may be eligible toward the Law Society of Upper Canada's CPD Requirement as Substantive Hours. Please note that this program is not accredited.

Space is limited for Short Courses. Register early to avoid disappointment. All Short Courses take place in 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 PDAC student member and enrolled full time in a recognized academic program. Student spaces are limited.

Unless otherwise noted, all full-day Short Courses include continental breakfast, three-course lunch and refreshments.

For more detailed descriptions/agendas please visit www.pdac.ca/convention/programming/short-courses

FRIDAY, MARCH 1

8:30 am – 4:30 pm **SOLD OUT**

📍 Room 803B

Health and safety in mineral exploration

ORGANIZER: Bill Mercer, Avalon Advanced Materials Inc.

The objective of the course is to give participants the training required to understand the typical risks in mineral exploration: how to run a simple risk assessment, an introduction to accident root cause analysis, the gathering and use of H&S statistics, and some emphasis on the special higher risks associated with drilling and helicopters.

PRESENTERS:

- Brian Maeck, Boart Longyear Drilling
- Bill Mercer, Avalon Advanced Materials Inc.
- Corey Taylor, Universal Helicopters
- Mark Wiseman, Avalon Advanced Materials Inc.

LEVEL OF COMPREHENSION: ALL LEVELS

COURSE FEE:

Includes course material, continental breakfast and lunch

Rates			
Member	\$74.99	Non-Member	\$169.99
Student	\$37.99		

PDAC is pleased to offer this course at a special rate as part of the the Association's ongoing leadership in Health & Safety and its commitment to improving responsible exploration.

8:30 am – 5:00 pm **SOLD OUT**

📍 Room 713

Mining financial modeling

ORGANIZER: The Marquee Group

This course focuses on the skills required to design and create a dynamic financial model of a mining company that is developing an open-pit mine to produce precious metals. Issues related to mining, milling and processing will be discussed. The course material includes model design, logic, construction and financial concepts to create a best-in-class financial model of a mining company. Various intermediate Excel tools along with helpful keyboard shortcuts will also be covered throughout the course.

PRESENTER:

Duncan McKeen, The Marquee Group

LEVEL OF COMPREHENSION: INTERMEDIATE

Participants should have basic knowledge in mining, accounting, finance and Excel. **Participants are required to bring a laptop (PC preferred) equipped with MS Excel to the course.**

COURSE FEE:

Regular Rate			
Member	\$699.99	Non-Member	\$799.99
Student	\$269.99		

8:30 am – 6:00 pm

📍 Room 714B

Geophysical and geochemical imaging of the continental upper mantle for mineral systems regional targeting

ORGANIZERS: Complete MT Solutions

Integration of geological, geophysical and geochemical information has been a massive recent enabler to a more holistic understanding of mineral systems and their consequent ore deposits. We now recognize the critical role of the interaction between the global geodynamic and the sub-continental lithospheric mantle (SCLM). Attendant processes leave geophysical and geochemical signatures in the SCLM that can be imaged, and all world-class deposits have anomalous mantle beneath them. Broad-scale geophysical and geochemical methods can facilitate regional targeting of prospective areas. This course will be presented by six of the top experts in their fields of geophysics, geochemistry and tectonics.

PRESENTERS:

- Alan Jones, Complete MT Solutions Inc.
- Christopher Lawley, Geological Survey of Canada
- David Snyder, Laurentian University
- Juan Carlos Afonso, Macquarie University
- Herman Grutter, SRK Consulting (Canada) Inc.
- Graham Begg, Minerals Targeting International

LEVEL OF COMPREHENSION: ENTRY -LEVEL

Participants should have some knowledge of mineral systems and mineral exploration.

COURSE FEE:

Regular Rate			
Member	\$799.99	Non-Member	\$899.99
Student	\$229.99		

Friday, March 1 8:30 am – 4:30 pm

Saturday, March 2 8:30 am – 4:30 pm

📍 Room 716 **SOLD OUT**

Concepts and application of machine learning to mining geoscience: A practical course

ORGANIZER: Mira Geoscience

Over the last five years machine learning (ML) has been a growing subject of conversation in the mining industry. From targeting of mineral deposits to connected mining environment, there is no doubt that artificial intelligence will play a key role in our industry in the near future. However, the subject can seem obscure and is often hard to grasp, which creates apprehension from geoscientists. This workshop will introduce the main concepts and best practices for applied machine learning to exploration and mining will be reviewed. The course will be set in a practical framework, with a focus on the understanding and usage of different algorithms without detailing the mathematics behind each algorithm.

PRESENTERS:

- Jean-Philippe Paiement, Mira Geoscience
- Guy Desharnais, Osisko Gold Royalties
- Martin Blouin, Geolearn
- Antoine Cate, SRK Consulting (Canada) Inc.
- Erwan Gloaguen, INRS-ETE Quebec

LEVEL OF COMPREHENSION: ENTRY-LEVEL

Participants should have a strong interest in either statistics, modelling or data analysis. No prior coding or data science knowledge is required. Exercises will be completed using a user-friendly and intuitive interface for data mining and machine learning. **Participants are required to bring their own laptop.**

COURSE FEE:

Regular Rate			
Member	\$899.99	Non-Member	\$999.99
Student	\$399.99		

PROGRAMMING

Short Courses Admission with ticket

FRIDAY, MARCH 1 **SOLD OUT**

Friday, March 1 8:30 am – 5:30 pm

Saturday, March 2 8:30 am – 5:30 pm

📍 Room 701A

Applied structural geology of gold and base metal bearing hydrothermal mineralizing systems

ORGANIZER: Society of Economic Geologists (SEG)

This course will address the structural styles and controls on Au and selected base metal deposit types, as well as methodologies for their assessment. Presentations will review the structural characteristics of orogenic gold deposits, epithermal deposits, and VMS deposits, and examine how the location and morphology of orebodies are controlled by fluid pressure regimes, deformation process, stress states, structural settings, and post-ore deformation. In addition, field relationships and workflows for deposit and district-scale data acquisition and interpretation will be reviewed, illustrating structural features that may be used to constrain deposit-scale geological models. Although Au and VMS deposit types will be specifically discussed, the information presented here also may be of benefit to workers in other structurally controlled, or modified mineral deposits.

PRESENTERS:

- David Rhys, Panterra Geoservices
- Stephen Cox, Australian National University
- Bruno Lafrance, Laurentian University
- James Siddorn, SRK Consulting (Canada) Inc.
- Wayne Barnett, SRK Consulting (Canada) Inc.

LEVEL OF COMPREHENSION: INTERMEDIATE, ADVANCED

Participants should have a basic understanding or interest in the structural geology of ore deposits.

COURSE FEE:

Regular Rate			
Member	\$1099.99	Non-Member	\$1199.99

SATURDAY, MARCH 2

8:30 am – 5:00 pm **SOLD OUT**

📍 Room 803B

The art and science of effective community engagement

ORGANIZER: Ian Thomson, Shinglespit Consultants Inc.

This course, which is designed for both Canadian and international participants, will provide personnel involved in exploration and early development projects with a comprehensive understanding of good practice for successful engagement with host communities. Building on the guidance provided by e3Plus and incorporating the collective knowledge of some of the most experienced practitioners working in the mining sector, The course addresses the three elements of constructive engagement:

- Knowledge: basic concepts and tools that can be used for engagement purposes
- Skills: practical engagement skills including listening and asking questions
- Behaviour: desired outcomes when approaching the public, the media, NGOs or local community leaders

PRESENTERS:

- Ian Thomson, Shinglespit Consultants Inc.
- Luc Zandvliet, Triple R Alliance
- Ed O'Keefe, Synergy Global Consulting

LEVEL OF COMPREHENSION: ENTRY-LEVEL, INTERMEDIATE

Participants should have basic familiarity with the operation of mineral exploration and early development projects.

COURSE FEE:

Includes course material, continental breakfast and lunch

Regular Rate			
Member	\$74.99	Non-Member	\$169.99
Student	\$37.99		

PDAC is pleased to offer this course at a special rate as part of the Association's ongoing leadership in sustainability and its commitment to improving responsible exploration.

DRIVEN BY INNOVATION

A person wearing a black cap and jacket is seated in a control room, operating a simulator. The room features large projection screens displaying a river scene with a dam and rocky banks. The person is viewed from the side, looking towards the screens. The control panel in front of them has various illuminated buttons and a steering wheel.

Innovation is a key part of our strategy to optimize all aspects of our operations. It's one of the largest drivers of growth, and one way we're reshaping the future of our business.

Together, Creating Sustainable Value.

NYSE: GG | TSX: G
www.goldcorp.com

 **GOLDCORP**

PROGRAMMING

Short Courses Admission with ticket

SATURDAY, MARCH 2

9:00 am – 5:00 pm

📍 Room 718B

Geology, genesis, and exploration for magmatic and magmatic-hydrothermal ore deposits

ORGANIZER: Laurentian University, Mineral Exploration Research Centre (MERC)

The mining industry continually needs new ideas and models to focus scarce exploration funds on the most prospective areas containing the next generation of ore deposits. This course will provide a state-of-the-art update on the geology, genesis, and exploration for magmatic and magmatic-hydrothermal ore deposits, including ultramafic and mafic associated Ni-Cu-(PGE), PGE-(Cu)-(Ni), Cr, and Fe-Ti-V systems, and intermediate-felsic associated porphyry Cu-Mo-Au, intrusion-related Au and rare-metal ore systems. Each topic will include theory (magma fertility, magma emplacement, metal transport, deposition) and world-class case studies. Emphasis will be placed on updated/expanded interpretations of relatively new deposit types (e.g., conduit-hosted Ni-Cu-PGE and Cr systems, post-subduction porphyry Cu-Au) and variations to models that may open new exploration opportunities.

PRESENTERS:

Michael Leshner, Laurentian University
 Jeremy P. Richards, Laurentian University
 Michel Houlié, Geological Survey of Canada

LEVEL OF COMPREHENSION: INTERMEDIATE

Participants should have a BSc in Geology.

COURSE FEE:

Regular Rate			
Member	\$649.99	Non-Member	\$749.99
Student	\$249.99		

Saturday, March 2 9:00 am – 4:00 pm

Sunday, March 3 8:00 am – 12:00 pm

📍 Room 802

Fundamentos de estimación de recursos minerales



ORGANIZER: RPA

RPA and the PDAC will present the popular "Fundamentals of mineral resource estimation" course in Spanish.

Este curso, presentado por un equipo de expertos profesionales de RPA, introduce los fundamentos de estimación de recursos minerales. El contenido se ha preparado para una audiencia de geólogos de exploración y mina. El propósito del curso es delinear los componentes clave y las consideraciones de importancia en la estimación de recursos minerales. El curso incluye preparación de bases de datos, dominios, análisis de datos, técnicas de estimación, cálculo de leyes de corte y criterios de clasificación. Se explorarán aspectos prácticos como el método de minado propuesto y geoestadística. Los ejercicios del curso pueden incluir: interpretación geológica, verificación de base de datos, tratamiento de valores extremos, cálculo de leyes de corte, estimación de ley, clasificación y verificación de modelos de bloques.

PRESENTERS:

Sean Horan, RPA
 José Texidor Carlsson, RPA
 Rosmery Cardenas, RPA
 Hugo Miranda, RPA

NIVEL DE COMPRENSIÓN: PRINCIPIANTE A INTERMEDIO

Los participantes deberían tener un entendimiento de depósitos minerales y un nivel básico de exploración minera, incluyendo perforación.

PRECIO DEL CURSO:

Incluye material del curso, desayuno continental el Sábado y el Domingo, almuerzo de tres platos el Sábado y café ambos días.

Regular Rate			
Member	\$799.99	Non-Member	\$899.99
Student	\$399.99		

SUNDAY, MARCH 3

8:00 am – 12:00 pm

📍 Room 718B

Disclosure do's and don'ts: Avoiding the fatal flaws in your public reporting

ORGANIZER: Ontario Securities Commission (OSC)

This course will discuss how NI 43-101 technical disclosure reviews are conducted by securities commissions, exchanges, and the Investment Industry Regulatory Organization of Canada (IIROC). The course is designed to provide tips and advice on how to avoid the disclosure snags that may require the company to retract or issue a clarifying news release and potentially amend and refile documents. Presenters will cover both good and bad examples of public reporting. Technical report disclosure issues will focus on common problems that may cause the technical report to be revised. New Securities and Exchange Commission (SEC) rules for mining disclosure adopted in late 2018 will also be covered.

PRESENTERS:

Luc Arsenault, Toronto Stock Exchange
Craig Waldie, Ontario Securities Commission
James Whyte, Ontario Securities Commission

LEVEL OF COMPREHENSION: INTERMEDIATE

Participants should have a basic understanding of NI 43-101.

COURSE FEE:

Includes course material, continental breakfast and refreshments

Rate			
Member	\$199.99	Non-Member	\$239.99
Student	\$129.99		

8:30 am – 12:30 pm **SOLD OUT**

📍 Room 717

Reporting and benchmarking resource projects: From exploration through to development

ORGANIZER: SRK Consulting (Australasia)

This course discusses a framework for presenting a resource project's development status relative to similar projects.

Presenters will examine the confidence in exploration results, resources, and reserves; the interdependence of resource-to-reserve conversion factors and different technical-economic study types.

Case studies will illustrate the development and use of a simple framework to assess and summarize available project information and provide transparent and balanced

reporting to stakeholders relying on technical reports and other company announcements. An interactive workshop session will give attendees the opportunity to apply the framework concept.

This course will benefit technical and non-technical people involved in the reporting, interpretation, assessment, or valuation of mineral assets for developing projects.

PRESENTERS:

Siri C. Genik, BRIDGE
Mark Noppe, SRK Consulting (Australasia)
Mark Campodonic, SRK Consulting (UK)
Erik Ronald, SRK Consulting (USA)
Cliff Revering, SRK Consulting (Canada)

LEVEL OF COMPREHENSION: ALL LEVELS

COURSE FEE:

Includes course material, continental breakfast and refreshments

Rate			
Member	\$199.99	Non-Member	\$239.99
Student	\$129.99		

9:00 am – 12:30 pm

📍 Room 714

Recognizing the impact of political risk on mining operations, corporate strategy and investment decision-making

ORGANIZER: SCM Decisions

Mining companies often make substantial investments in foreign countries. In addition to market and technical uncertainties, their investments are exposed to political risk or the possibility that their investment is adversely affected by the unexpected actions of the host country. This course provides an overview of political risk and how to manage this exposure. A framework is introduced to assess investments, manage existing investment exposures, and aggregate political risk at a corporate level. A case study involving a company developing and operating several mines globally will illustrate how these ideas come together within a political risk management program. Given the unpredictability of foreign investments, approaches like the one discussed in this course are needed to assess and manage the political risk exposure of mining investments.

PRESENTERS:

David Laughton, David Laughton Consulting
Michael Samis, SCM Decisions
John Seddon, Control Risks
Oliver Wack, Control Risks

LEVEL OF COMPREHENSION: ENTRY-LEVEL

PROGRAMMING

Short Courses *Admission with ticket*

COURSE FEE:

Includes course material, continental breakfast and refreshments

Rate			
Member	\$199.99	Non-Member	\$239.99
Student	\$129.99		

COURSE FEE:

Includes course material, hot buffet breakfast and refreshments

Rate			
Member	\$219.99	Non-Member	\$279.99
Student	\$149.99		

WEDNESDAY, MARCH 6

9:00 am – 12:30 pm

📍 Room 701A

Holistic exploration in covered terranes: An example applied to the Cu-Mo porphyry prospectivity of Quesnel, eastern British Columbia

ORGANIZER: Laurentian University

Modern mineral exploration requires exploring in regions where making discoveries is increasingly difficult. This session demonstrates the methodology and implementation of integrating diverse, publicly available geoscientific datasets (structural, geological, geochemical, geophysical, and surficial) applied to the search for undercover deposits. Innovative tools within each geoscientific discipline will be demonstrated to highlight key mineralization signatures. These signatures will be integrated using knowledge-based prospectivity analysis to identify prospective regions in an area covered by glacial till. The session aims to facilitate knowledge sharing, as well as to promote discussion of multidisciplinary interpretation and modelling to improve exploration techniques in challenging settings.

PRESENTERS:

Rebecca Montsion, Laurentian University
 Vicki Tschirhart, Geological Survey of Canada
 Benoit Saumur, Université du Québec à Montréal
 Pedro Acosta-Gongora, Geological Survey of Canada
 Michael Gadd, Geological Survey of Canada
 Peter Tschirhart, Paterson, Grant & Watson Ltd.

LEVEL OF COMPREHENSION: ENTRY-LEVEL, INTERMEDIATE

9:00 am – 5:00 pm

📍 Room 801A

Spectral geology: Fundamentals, recent advances and case histories

ORGANIZER: Spectral Geology and Remote Sensing Consulting

Over the past decade, spectral geology has seen increased application in all stages of mineral exploration, and in geomaterials and geotechnical engineering. This course will bring subject matter experts to review the fundamental capabilities and limitations of infrared spectral technologies for core logging, outcrop and pit high wall mapping; practical considerations such as sampling, field workflow and QA/QC; as well as recent advances and case histories of field applications. It is intended for exploration geologists, geochemists, metallurgists, mining engineers, exploration managers as well as students and researchers.

PRESENTERS:

Xiaodong Zhou, Spectral Geology and Remote Sensing Consulting
 Phil Harris, TerraCore Geospectral Imaging
 Cassady Harraden, Corescan Pty Ltd
 Sasha Pontual, AusSpec International
 David Coulter, Spectral Xplorer

LEVEL OF COMPREHENSION: ENTRY-LEVEL, INTERMEDIATE

COURSE FEE:

Includes course material, hot buffet breakfast, three-course lunch and refreshments

Regular Rate			
Member	\$699.99	Non-Member	\$799.99
Student	\$229.99		



THANK YOU FOR YOUR SUPPORT!

Mining Matters greatly appreciates the contributions from the minerals and aggregates industries, individuals, foundations, corporations and governments. Your generosity supports all aspects of our program development and implementation.

Our mission is to educate young people to develop knowledge and awareness of Earth sciences, the minerals industry, and their roles in society. Delivering 25 years of excellence in mineral resources education, Mining Matters has reached 700,000 teachers, students and members of the public across Canada.



PRECIOUS METALS



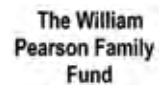
The Gill Family Charitable Trust



DIAMOND



GOLD



SILVER



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Pass colour permitted

PROGRAMMING

Student & Early Career Program

Student Hub
Impress for success
Flash mentoring
Student-Industry Networking Luncheon

Sponsored by **LUNDINGROUP**

STUDENT HUB

The Student Hub is located on Level 800 across from the Trade Show entrance. The hub hosts resumé review sessions, registration for the guided tours of the Trade Show, Investors Exchange and other student engagement opportunities.

RESUMÉ REVIEW

📍 South Building, Level 800

Refresh your resumé and discuss personalized networking techniques with Patrick McAndless, Geodude Corner. Patrick is a professional geoscientist with 45 years experience in the minerals industry. Sign up onsite at the Student Hub. Students are encouraged to bring a copy of their resumé to the session. Sessions will run from March 3-6.

PDAC-CIM Toronto Branch Guided Tours

Meet some of the 1,000+ companies that exhibit in the Trade Show and Investors Exchange by taking a guided tour of the exhibits. Each tour stop will allow you to learn about the focus of the organization's projects and potential career opportunities.

Sunday, March 3 1:00 pm
Monday, March 4 10:00 am and 1:00 pm
Tuesday, March 5 10:00 am and 2:30 pm

[Sign up at the Student Hub](#)

SUNDAY, MARCH 3

9:30 am – 11:30 am

📍 South Building, Room 713

Impress for success

Impress for success is a user-friendly road map and guide to help students and graduates effectively and confidently navigate their way around the convention. Attendees will learn techniques to effectively market themselves as unique difference makers at networking opportunities including luncheons, receptions and throughout the convention. The presentation is suitable for students, graduates and professionals.

Speakers: Cameron Clark, Primero
Patrick McAndless, Geodude Corner

2:00 pm – 4:00 pm

📍 South Building, Room 718B

Flash mentoring

Expand your network and meet some of the participants in PDAC's Mentoring Program as you engage with a number of industry professionals in this interactive session. Flash mentoring is a one-time meeting and discussion with industry mentors. This event is open to final-year undergraduate and college students, graduate students and students who have graduated within the last two years. Visit the Student Hub for more information.

MONDAY, MARCH 4

2:00 pm – 4:00 pm

📍 South Building, Room 714

Deal or no deal: The art and science of project strategy

This is an interactive experience for students and early career individuals to gain an understanding of how decisions are made at the management level and what it takes to advance a mineral exploration project. Role-playing as managers, participants will work through a strategy exercise with their team with the goal of maximizing the value of the project.



In the real world, the fortunes of a project depend on many factors which are beyond the control of the decision makers. In this exercise, the roll of the dice will play a part, but the key to success is the ability to plan and adapt your strategy to make the most of the hand that you're dealt amidst unforeseen circumstances! Spaces are limited; arrive early to this exciting new session designed by Osisko Mining, Next Gen Geo, and the PDAC.

Speaker: Alexandria Marcotte, Osisko Mining Inc.

TUESDAY, MARCH 5

10:00 am – 6:00 pm

📍 South Building, Room 701



PDAC-SEG Student Minerals Colloquium

PDAC is pleased to partner with the Mineral Exploration Research Centre, the Goodman School of Mines, Metal Earth, and the Society of Economic Geologists (SEG) Canada Foundation in sponsoring the 10th annual Student Minerals Colloquium. This event is hosted by the SEG student chapters at Laurentian University and the Ottawa-Carleton Geoscience Centre. Over ninety poster presentations, highlighting current research on mineral deposits and related studies by students from across North America, will be featured.

2019 MARY-CLAIRE WARD GEOSCIENCE AWARD RECIPIENT

This year's recipient of the Mary-Claire Ward Geoscience Award is Andrew Steiner of the University of British Columbia.

Andrew's research aims to map auriferous fluid pathways, identify the salient geological controls on fluid flow and assess the physiochemical evolution of ore fluids in the CTGDs of the Nadaleen trend, Yukon.

Andrew will receive his award at the Student-Industry Networking Luncheon at the PDAC 2019 Convention, Tuesday March 5. The award, comprising \$5,000 and a certificate, is given annually and honors the memory of Mary-Claire Ward who died in 2004. Mary-Claire was the chair of the PDAC's Geoscience committee, Chairman of Watts Griffis McQuat Ltd., and a Past President of the Geological Association of Canada. She was a passionate advocate for the geosciences in Canada.

The intent of the award is to encourage and support a graduate student in Canada whose thesis contributes to our knowledge about the geological history of Canada. Mapping must be a significant component of the winning thesis. The award is administered by the Prospectors & Developers Association of Canada (PDAC), the Geological Association of Canada (GAC), the National Geological Surveys Committee, the Canadian Geological Foundation, and Watts, Griffis and McQuat Ltd.

3:00 pm Cocktail reception

5:00 pm Awards presentations for best posters



Open to all pass types
Scan this QR code for a list of all posters

11:30 am – 1:30 pm

📍 North Building, Room 105/106

Student-Industry Networking Luncheon

This reception-style buffet luncheon provides an opportunity for students and recent graduates to connect with industry professionals in a relaxed environment. The winners of the Mary-Claire Ward Geoscience Award and the Joan Bath and Peter Howe Bursary for Advancement in the Mineral Industry will be announced, as well as the selected 2019 Student-Industry Mineral Exploration Workshop (S-IMEW) participants. There will be a draw for the annual tuition top-up awards. Proof of membership is required to claim the award.



🌐 Application details are posted at www.pdac.ca and www.gac.ca by October 1 every year.

PROGRAMMING

Sustainability Program *All Access Pass required*

SATURDAY, MARCH 2

1:00 pm – 4:30 pm

📍 North Building, Room 202

IGF-PDAC-WEF Sustainability Forum

Organizer: Intergovernmental Forum on Mining, Minerals, Metals and Sustainable Development (IGF); Prospectors & Developers Association of Canada (PDAC); World Economic Forum (WEF)

Registration is required. If you are interested in attending this event please contact the IGF Secretariat at secretariat@ifgmining.org

SUNDAY, MARCH 3

📍 South Building, Room 803

8:30 am – 9:50 am

Biodiversity and the future of the mining industry

Organizer: UN Environment World Conservation Monitoring Centre

Moderator: Jonty Knox, UN Environment World Conservation Monitoring Centre

Panelists:

Geneviève Campbell, The Biodiversity Consultancy
 Jonty Knox, UN Environment World Conservation Monitoring Centre
 Theresia Ott, Rio Tinto
 Leo Viana, Conservation International

10:00 am – 10:50 am

Small modular reactors: Powering the future of mining

Organizer: Natural Resources Canada

Panelists:

Diane Cameron, Natural Resources Canada
 Ken Canavan, Westinghouse Electric Company
 Mark Lesinski, Canadian Nuclear Laboratories Limited
 Vic Pakalnis, MIRARCO Mining Innovation
 Frank Saunders, Bruce Power

11:00 am – 12:00 pm

Mining and climate change: Exploring drivers, trade-offs, and specific tools for understanding climate change risks and opportunities

Organizer: Yamana Gold Inc.

Panelists:

Olivia Gamache, Yamana Gold Inc.
 John Mullally, Goldcorp Inc.
 Aaron Steeghs, Yamana Gold Inc.
 Mark Wiseman, Avalon Advanced Materials Inc.

1:30 pm – 2:50 pm

What is the next level for business and government in promoting responsible enterprise? The role of the Canadian Ombudsperson for Responsible Enterprise (CORE)

Organizer: International Commission of Jurists Canada

Moderator: Errol Mendes, University of Ottawa, Faculty of Law

Presenter/Panelists:

Ben Chalmers, Mining Association of Canada
 Jennifer Egsgard, International Commission of Jurists
 Stephen Pike, Gowlings LLP
 Speaker to be determined, Office of the Minister of International Trade

3:00 pm – 4:30 pm

Guidance on developing sound security management plans to implement international security standards and the Voluntary Principles

Organizer: Mining Security Working Group

Moderator: Charles Dumbrille, IN-D-TEL International Inc., Mining Security Working Group

Panelists:

Charles Dumbrille, IN-D-TEL International Inc., Mining Security Working Group
 Jay Martin, Goldcorp Inc.
 John Noyes, John Noyes Security Consulting Ltd.

TUESDAY, MARCH 5

📍 South Building, Room 715

8:30 am – 9:50 am

Social licence: A data-driven strategy

Organizer: CSIRO Reflexivity

Panelists:

Tom Butler, International Council on Mining & Metals
Janina Gawler, Rio Tinto
Kieren Moffat, CSIRO Reflexivity
Aaron Steeghs, Yamana Gold Inc.

10:00 am – 10:50 am

Anti-corruption compliance: The new competitive advantage

Organizer: Canadian Centre of Excellence for Anti-Corruption, University of Ottawa (CCEAC)

Moderator: Ben Chalmers, Mining Association of Canada

Panelists:

Robert Coleman, Global Affairs Canada
Jonathan Drimmer, Barrick Gold Corporation
Pat Poitevin, Canadian Centre of Excellence for Anti-Corruption (CCEAC)

11:00 am – 12:00 pm

Data disclosure and responsible mining: Leading practices & learnings from the Responsible Mining Index

Organizer: Responsible Mining Foundation

Panelists:

Hélène de Villiers-Piaget, Responsible Mining Foundation
Ed O'Keefe, Synergy Global Consulting
Luc Zandvliet, Triple R Alliance

1:00 pm – 2:30 pm

Gender diverse and inclusive workplaces

Organizer: Goldcorp Inc. and Prospectors & Developers Association of Canada (PDAC)

Moderator: Valerie Pascale, Goldcorp Inc.

Panelists:

Ashley Kirwan and Shastri Ramnath, Orix Geoscience
Susan Lomas, MeTooMining
Anna Tudela, Goldcorp Inc.

2:30 pm – 4:00 pm

Gender diversity and inclusion in a community setting

Organizer: Goldcorp Inc. and Prospectors & Developers Association of Canada (PDAC)

Moderator: Valerie Pascale, Goldcorp Inc.

Speakers:

Ian Thompson, OXFAM Canada
Stacia Kean, CESO Indigenous Services
Lkhamjav Daansran, Mongolia Ministry of Mining and Heavy Industry (MoMHI)
Speaker to be determined, Mayor, CISAL-FCM Program, Colombia and/or Peru

WEDNESDAY, MARCH 6

📍 South Building, Room 803

8:30 am – 9:20 am

Zombie transparency: Breaking the natural resource curse through data innovation

Organizer: International Finance Corporation, World Bank

Moderator: Alla Morrison, International Finance Corporation

Opening remarks: Fiona Avery, BHP Foundation

Speakers:

Fiona Avery, BHP Foundation
Oluseun Onigbinde, BudgIT

9:30 am – 10:30 am

Designing sustainable prosperity

Organizer: Hatch Ltd.

Moderator: John Thompson, Cornell University

Panelists:

Matthew Chadwick, Anglo American
Doris Hiam-Galvez, Hatch Ltd.
Jay Schlosar, Teck Resources Limited
Christopher Sheldon, The World Bank

PROGRAMMING

Sustainability Program *All Access Pass required*

WEDNESDAY, MARCH 6

10:40 am – 12:30 pm

Sustainability Spotlight

10:40 am Historic mining activities: Their impact on the British Columbia landscape and how to “fix” them

Organizer: Tyler Rice, Margaux Resources Ltd.

10:50 am Internal Responsibility System Climate Assessment and Audit Tool (IRS CAAT): Challenging conventional health and safety approaches

Organizer: Angele Poitras, Workplace Safety North

11:00 am Dialogue and participation approach for sustainable and inclusive territorial governance of a mining region

Organizer: Elizabeth Cabrera, Lundin Gold Inc.

11:10 am How can early warning tools help reduce costs of conflict?

Organizer: Nick Copeland, Above Ground Risk Solutions (AG-RS)

11:20 am Goldcorp’s Borden Gold ‘Mine of the future’

Organizer: John Mullally, Goldcorp Inc.

11:30 am Lessons learned: Transforming company-community relations through technology and innovation

Organizer: Arisa Goldstone, Ulula

11:40 am Efficient, cost-effective water treatment, sludge removal, recycling and logistics

Organizer: Burt Fraser, Auric Systems LLC.

11:50 am Using cutting edge technologies to ensure sustainable community relations in Nunavut,

Organizer: Sarah Busque, Boréal

PDAC and AME are pleased to announce the Safe Day Everyday Gold Award Winners

Highest number of hours without any reportable injury

FORAGE
DOWNING
DRILLING
since 1936

Highest number of hours without a lost time incident

MAJOR
Drilling

Congratulations to both of these companies on their exceptional achievements and setting a great example for the industry. Zero lost-time incidents are possible even with high person hours! Congratulations also to **Altius Minerals Corporation** and **Benton Resources Inc.** for receiving the Safe Day Everyday Participation Award for completing the survey for ten consecutive years.

PDAC encourages Canadian mining and exploration companies to complete the confidential Mineral Exploration Health and Safety survey at explorationsurvey.ca. The information you provide will enable AME and PDAC to compile a comprehensive annual safety report, safety guidelines and other resources.

Your organization becomes eligible for Gold, Silver or Bronze Safe Day Everyday Awards by participating in the survey.

PDAC

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AME

Association for
Mineral Exploration

BHP

A world-leading resource company.

BHP is among the world's top producers of major commodities, including iron ore, metallurgical coal and copper. We also have substantial interests in oil, gas and energy coal.

We have a simple and diverse portfolio of tier one assets around the world, with low-cost options for future growth and value creation. This allows us to apply our values and culture, emphasise safety and productivity, deploy technology and exert capital discipline to extract the most value and the highest returns from our assets.

Our inclusive and diverse team of geoscientists apply cutting edge science and technology to discover, understand and optimise product recovery from across commodities, continents and markets.



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PROGRAMMING

Technical Program *All Access Pass required*

Need professional development hours to maintain your designation? Upon request, PDAC will provide a Technical Session certificate of attendance to help you meet your professional development requirements.



Sponsored by



SUNDAY, MARCH 3

📍 South Building, Room 701

OPENING CEREMONIES

Open to all pass types

10:30 am – 11:30 am

Join Glenn Mullan, PDAC President; The Honourable Amarjeet Sohi, Canada's Minister of Natural Resources; Ed Sackaney, Knowledge and Wisdom Keeper and other special guests as we mark the official opening of the 2019 Convention.

1:00 pm – 5:30 pm

📍 Room 701

Commodities: Metals & industry outlook

- 1:50 pm** **World exploration activity**, Mark Ferguson, S&P Global Market Intelligence, Halifax, Canada
- 2:15 pm** **Gold and precious metals sector outlook**, Sean Boyd, Agnico Eagle Mines Limited, Toronto, Canada
- 2:40 pm** **Analysis of industry costs and pricing trends**, Ryan Cochrane, CRU Group, London, England
- 3:05 pm** **Copper outlook**, Michael Schwartz, Teck Resources Limited, Toronto, Canada
- 3:30 pm** **Zinc outlook**, Rory Townsend, Wood Mackenzie, Bath, England
- 3:55 pm** **Nickel outlook**, Alex Laugharne, CRU Group, New York, USA
- 4:20 pm** **Steel making raw materials**, Maximilian Court, S&P Global Market Intelligence, London, England
- 4:55 pm** **Uranium outlook**, Nick Carter, UxC, LLC, Roswell, USA

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CHAIRS: Terence Ortslan, TSO & Associates, Montreal & Mark Selby, RNC Minerals, Toronto, Canada

- 1:00 pm** **Keynote**, Marcia Smith, Teck Resources Limited, Vancouver, Canada
- 1:25 pm** **Strategic outlook**, Paul Robinson, CRU Group, London, England

1:00 pm – 3:30 pm

📍 Room 711

Financial reporting and taxation: Hot topics for the mining industry

CHAIRS: Ben-Schoeman Geldenhuys, Deloitte LLP, Toronto & Julie Robertson, Barrick Gold Corporation, Vancouver, Canada

- 1:00 pm** **Panel presentation: The impact of recently adopted standards: International Financial Reporting Standards (IFRS) 15 Revenue from Contracts with Customers and IFRS 9 Financial Instruments**
- 1:25 pm** **Panel presentation: Applying IFRS 16: Leases in the mining sector**

1:50 pm Panel presentation: Financial reporting hot topics: Non-GAAP financial measures and climate change reporting

Moderator: Julie Robertson, Barrick Gold Corporation

Panelists: Bob Bosshard, PDAC; James Lusby, PwC; Jeff Davidson, Barrick Gold Corporation; Cameron Walls, Deloitte; Pieter Fourie, KPMG; Sunny Lowe, INV Metals; Blair Zaritsky, Osisko Mining Inc.

2:15 pm Panel presentation: Global mining tax trends and the realities of digital technology within the tax environment of mining companies

2:40 pm Panel presentation: Mining tax developments: Americas, what's new, what's old, what's in, and what's out in the Americas tax landscape

3:05 pm Panel presentation: The evolving tax landscape: Opportunities and challenges faced by the corporate tax function in mining companies

Moderator: Tom King, KPMG LLP, Toronto, Canada

Panelists: Ben-Schoeman Geldenhuys, Deloitte LLP; Michael Long, KPMG LLP; John Condon, Barrick Gold Corporation

1:00 pm – 3:30 pm

📍 Room 713

New exploration technologies

CHAIRS: Reno Pressacco, RPA Inc. & Antoine Cate, SRK Consulting (Canada) Inc., Toronto, Canada

1:00 pm Hyperspectral imaging, photogrammetry, LIDAR and magnetometer RPAS multi-sensor integration for innovative exploration, Helmholtz Institute Freiberg for Resource Technology, Freiberg, Germany

1:25 pm Better resource characterization across BHP mines through infrared spectroscopy, Dorothee Mithrup, BHP, Perth, Australia

1:50 pm Mapping temperature gradients in hydrothermal vein systems with Raman spectroscopy, Stephen Redak, Hecla Mining Company, Durango, Mexico

2:15 pm Applications for portable XRF analyzers, Oscar Dominguez, BHP, Perth, Australia

2:40 pm LIBS: Universal core digitization, Francois Doucet, Elemission Inc., Montreal, Canada

3:05 pm Machine learning applied to regional exploration: A case study, Stephen Busuttill, BHP Exploration, Adelaide, Australia

1:00 pm – 3:30 pm

📍 Room 715

Exploration undercover

CHAIRS: Neil Gow, Independent, Burlington, Canada & Jean des Rivières, BHP Exploration, Santiago, Chile

1:00 pm Exploration challenges of the future: Undercover predict, detect, discriminate, Cam McCuaig, BHP Geoscience Centre of, Perth, Australia

1:25 pm Upper crustal architecture of ancestral fault systems and relationship to gold mineralization in the Abitibi, Ross Sherlock, Laurentian University, Sudbury, Canada

1:50 pm Return to geochemistry: Multi-scale, geochemistry-driven gold exploration in Nevada using groundwater, James Buskard, Nevada Exploration Inc., Vancouver, Canada

2:15 pm Inti northern Chile: Exploration below deep post-mineral cover, Dave Bertuch, BHP Exploration, Tucson, USA

2:40 pm Unveiling the architecture of ore systems at depth through 3D integrated seismic imaging and geological modeling, Ernst Schetselaar, Geological Survey of Canada, Ottawa, Canada

3:05 pm Opening up the covered search space in Australia: New data, new technology, new ideas, Richard Blewett, Geoscience Australia, Canberra, Australia

MONDAY MARCH 4

9:35 am – 11:35 am

📍 Room 701

KEYNOTE SESSION: The next generation

CHAIRS: James Siddorn, SRK Consulting (Canada) Inc. & James Lusby, PricewaterhouseCoopers LLP, Toronto, Canada

9:35 am Profound innovation fuelled by collaboration, Stephen de Jong, VRIFY, Vancouver, Canada

10:15 am Where technology, precious metals, jewelry and investment align, Roy Sebag, Goldmoney Inc. & Menē Inc., Toronto, Canada

10:55 am Millennials and mining, Romy Done, University of Toronto, Toronto; Char Duffett, Carleton University, Ottawa & Lewis Wan, British Columbia Institute of Technology, Vancouver, Canada

PROGRAMMING

Technical Program *All Access Pass required*

2:00 pm – 5:30 pm

📍 Room 713

Mining valuation: International convergence & market viewpoints

CHAIRS: Keith Spence, Global Mining Capital Corp. & William Roscoe, RPA Inc., Toronto, Canada

2:00 pm **Preview of the new Canadian Mining Valuation Standards and Guidelines (CIMVal) and International Developments in Mining Valuation (IMVAL)**, Keith Spence, Global Mining Capital, Toronto, Canada

2:25 pm **Trends in gold property transaction values 2016-18**, William Roscoe, RPA Inc., Toronto, Canada

2:50 pm **The project design aspects of managing political risk**, Michael Samis, SCM Decisions, Toronto, Canada

3:15 pm **Valuation of damages in international arbitration cases**, Howard Rosen, FTI Consulting, Toronto, Canada

3:40 pm **The large mining project discount: A valuation paradox**, Peyvand Bayzae, Global Mining Capital Corp., Vancouver, Canada

4:05 pm **Metal prices and cycles and their input into a project valuation**, Berek A. Berhe, M Partners Inc., Toronto, Canada

4:30 pm **Valuation differentials between gold and base metals projects**, Jeffrey Christian, CPM Group, New York, USA

4:55 pm **Choosing the correct discount rates in project valuations**, Lawrence Devon Smith, Lawrence, Devon, Smith & Associates, Toronto, Canada

2:00 pm – 4:05pm

📍 Room 715

Responsibly sourced minerals

CHAIRS: Joe Hinzer, Watts, Griffis and McQuat Limited & Catherine White, IBK Capital Corp., Toronto, Canada

2:00 pm **General overview of current systems in place for 3T mineral source identification and mineral sourcing and tracking practices**, Lance Hooper, Cobalt Blockchain Inc., Toronto, Canada

2:25 pm **Verification and tracking procedures with Blockchain technologies**, Loudon Owen, DLT Labs, Toronto, Canada

2:50 pm **Proposed Geological Passport System (GPS): Geochemical tracing of minerals for source verification**, William Millman, Metal, Minerals, Mines and Markets Ltd. (4M), Paignton, England

3:15 pm **Successful local engagement methodologies for responsible mineral production in high-risk areas**, Joanne Lebert, IMPACT, Ottawa, Canada

3:40 pm **SustainBlock: Blockchain-based supply chain traceability**, Sebastian Galindo, iPoint-systems, Reutlingen, Germany

2:00 pm – 5:00 pm

📍 Room 716

Diamond exploration and mining: Optimizing outcomes through increased understanding of technology

CHAIRS: Patricia Sheahan, Consultant, Toronto & Jennifer Pell, De Beers Canada, Vancouver, Canada

2:00 pm **Exploration of buried diamond deposits: Applied technologies and results**, Victor Ustinov, Central Research Institute of Geological Prospecting for Base and Precious Metals, Saint-Petersburg, Russia

2:25 pm **Finding the next generation of diamond mines**, Nicole Januszczak, De Beers Group, Toronto, Canada

2:50 pm **New insights into volcanic processes and diamond grades from deep mining at Argyle**, Murray Rayner, Rio Tinto, Perth, Australia

3:15 pm **Benchmarked diamond grade forecasts from microdiamond data**, Herman Grutter, SRK Consulting (Canada) Inc., Vancouver, Canada

3:40 pm **The characteristics of diamond breakage**, Tom McCandless, Mountain Province Diamonds, Vancouver, Canada

4:05 pm **Microdiamond grade as a regionalized variable: Some basic requirements for successful local microdiamond resource estimation of kimberlites**, Johann Stiefenhofer, De Beers Group of Companies, Johannesburg, South Africa

4:30 pm **A geological overview of large, high quality diamonds**, Evan Smith, Independent Contractor, Vancouver, Canada

2:00 pm – 4:05 pm

📍 Room 717

Technology metals

CHAIRS: Don Bubar, Avalon Advanced Materials Inc. & Don Hains, Hains Engineering Company Limited, Toronto, Canada

- 2:00 pm **Strategic metals demand and the financial market disconnect**, Luisa Moreno, Tahuti Global, Toronto, Canada
- 2:25 pm **Developing the Thacker Pass lithium project**, Rene LeBlanc & Thomas Benson, Lithium Americas Corp., Vancouver, Canada
- 2:50 pm **Electric vehicles, nickel and the Dumont project**, Mark Selby, RNC Minerals, Toronto, Canada
- 3:15 pm **The Iron Creek Project**, Peter Campbell, First Cobalt Company, Toronto, Canada
- 3:40 pm **Growing markets for scandium and the Crater Lake scandium project: Québec**, Peter Cashin, Imperial Mining Group Ltd., Montreal, Canada

TUESDAY, MARCH 5

9:00 am – 11:40 am

📍 Room 713

Advances in mineral systems modeling of Ni-Cu-PGE and gold

CHAIRS: Mike Villeneuve, Geological Survey of Canada, Ottawa & Valerie Wilson, RPA Inc., Toronto, Canada

- 9:10 am **Banded iron formation-hosted and associated gold deposits of Nunavut: Diversity of styles, settings and timing**, Patrick Mercier-Langevin, Geological Survey of Canada, Ottawa, Canada
- 9:35 am **Gold and PGE mobility during serpentization**, Christopher Lawley, Geological Survey of Canada, Ottawa, Canada
- 10:00 am **Polymetallic magmatic Cr and Ni-Cu-PGE systems in the Ring of Fire**, Michel Houlié, Geological Survey of Canada, Ottawa, Canada
- 10:25 am **Ore controls on Ni-Cu-PGE mineralization of the ca. 1882 Ma Circum-Superior large igneous province**, Wouter Bleeker, Geological Survey of Canada, Ottawa, Canada
- 10:50 am **Mineralized intrusions of the ca. 1.1 Ga midcontinent rift**, Jennifer Smith, Geological Survey of Canada, Ottawa, Canada
- 11:15 am **Gold in granite-greenstone terranes: Comparing Abitibi and central Newfoundland**, Ian Honsberger, Geological Survey of Canada, Ottawa, Canada

9:00 am – 11:40 am

📍 Room 716

Western USA mineral deposits: A return to known districts

CHAIRS: John Morganti, Lucca Advisors Inc., Vancouver & Ted Reeve, Haliburton Mineral Services Inc., Toronto, Canada

- 9:10 am **Geological evolution and metallogeny of Western North America**, Richard Goldfarb, China University of Geosciences, Boulder, USA
- 9:35 am **Yerrington copper district and the Pumpkin Hollow IOCG Skarn deposit**, Gregory French, Nevada Copper Corp., Vancouver, Canada
- 10:00 am **Geology of the Resolution Cu-Mo deposit, Superior, Arizona**, Hamish Martin, Resolution Copper, Superior, USA
- 10:25 am **Cortez district: Geology and development of a world-class mining camp**, Kevin Crell, Barrick Gold Corporation, Toronto, Canada
- 10:50 am **Geology and developments of the world famous Coeur d'Alene mining district**, Steve Petroni, Hecla Silver Valley Inc., Hayden, USA
- 11:15 am **Reopening the Idaho cobalt belt: Mineralogy matters**, Floyd Varley, eCobalt Solutions Inc., Vancouver, Canada

2:00 pm – 4:05 pm

📍 Room 711

Geometallurgy

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

- 2:00 pm **Geometallurgy of Olympic Dam: Australia**, Kathy Ehrig, BHP Olympic Dam, Adelaide, Australia
- 2:25 pm **Geometallurgy at East Kemptville deposit**, Cliff Stanley, Acadia University, Wolfville, Canada
- 2:50 pm **Hyperspectral core imaging applied to geometallurgy: Improving fundamental alteration mineralogy characterization in porphyry systems**, Regina Baumgartner, Teck Resources Limited, Vancouver, Canada
- 3:15 pm **Hyperspectral scanning: Making it work in geometallurgy programs**, Nichola McKay, Goldcorp Inc., Toronto, Canada
- 3:40 pm **Geometallurgy of a titanium deposit in Quebec**, Réjean Girard, IOS Services Géoscientifiques, Saguenay, Canada

PROGRAMMING

Technical Program

All Access Pass required

TUESDAY, MARCH 5

2:00 pm – 4:30 pm

📍 Room 713

New destinations in mineral exploration

CHAIRS: Mark Fellows, Skarn Associates, Worcester & Howard Bills, Toro Gold Ltd., London, England

2:00 pm **Crustal architecture and mineral deposits of northeast Africa**, Mark Parker, Equator Gold Ltd., Sway, England

2:50 pm **Prospectivity versus security: Worth the risk?**, James Hopkinson, Assaye Risk, Bath, England

3:15 pm **Africa's untouched exploration potential**, Howard Bills, Toro Gold Ltd., London, England

3:40 pm **Risk vs reward: The mineral prospectivity of Afghanistan**, James Gilbertson, SRK Exploration Services, Cardiff, Wales

4:05 pm **Finland: New gold rush in the developed world**, Charlie Seabrook, Rupert Resources, Toronto, Canada

2:00 pm – 5:00 pm

📍 Room 716

Geophysics

CHAIRS: Robert Hearst, Southern Geoscience Consultants & Brian Bengert, B-Field Geophysics, Toronto, Canada

2:00 pm **Combined inversion of DCIP and TEM data over a Cu-Ag deposit**, Robert Ellis, Geosoft Inc., Toronto, Canada

2:25 pm **3D inversion of Magnetotelluric data with topography**, Phillip Wannamaker, University of Utah, Salt Lake City, USA

2:50 pm **Understanding the limitations of geophysical inversions: Defining expectations for the non-specialist**, Clare O'Dowd, Cameco Corp., Saskatoon, Canada

3:15 pm **Detection and modeling of buried deep paleochannels from gravity gradiometer data**, Alan Morgan, Bell Geospace, Houston, USA

3:40 pm **Development of a novel, portable TEM system and the inherent signal processing challenges**, Andrew Duncan, ElectroMagnetic Imaging Technology, Midland, Australia

4:05 pm **Maximizing the value of drilling for resource definition using wireline geophysics**, Phil Hawke, Wireline Services Group, Perth, Australia

4:30 pm **Integration of geophysical data sets**, Luca Masnaghetti, Schlumberger, Milan, Italy

WEDNESDAY, MARCH 6

9:00 am – 11:40 am

📍 Room 714

Coarse gold: The good, the bad, and the risky

CHAIRS: David Ross and Valerie Wilson, RPA Inc., Toronto, Canada

9:10 am **How preparation and assaying methods steal ounces from resource estimates**, Lynda Bloom, Analytical Solutions Ltd., Mulmur, Canada

9:35 am **Identifying and managing the nugget effect in your resource estimate**, Sean Horan, Roscoe Postle Associates Inc., Toronto, Canada

10:00 am **Island gold mine: The importance of adjusting resource model parameters to production data**, Raynald Vincent, Alamos Gold Inc., Rouyn-Noranda, Canada

10:25 am **De-risking the Castelo de Sonhos paleo-placer gold deposit**, Mohan Srivastava, Tristar Gold Inc., Toronto, Canada

10:50 am **Exploration and development of the Karratha gold project, Australia**, Quinton Hennigh, Novo Resources Corp., Toronto, Canada

11:15 am **Beta Hunt mine**, Mark Selby, RNC Minerals, Toronto, Canada

9:00 am – 11:40 am

📍 Room 715

Seafloor mining

CHAIRS: Robert Hearst, Southern Geoscience Consultants, Toronto, Canada & Stephen Hallinan, CGG-Multiphysics, Milan, Italy

9:10 am Metallogeny of modern back-arc basins from regional to local scales, Melissa Anderson, University of Toronto, Toronto, Canada

9:35 am Clean metals from the seafloor: One of the biggest disruptions facing the base metals industry, Anthony O'Sullivan, DeepGreen Resources, Vancouver, Canada

10:00 am Chatham Rise phosphorites: Seven million years old but now a present-day strategic asset for New Zealand, Chris Castle, Chatham Rock Phosphate Limited, Wellington, New Zealand

10:25 am Seafloor mineral resource estimation, Sean Aldrich, RSC Mining & Mineral Exploration, Perth, Australia

10:50 am Seafloor Mining: Exploration technology and best practices, Peter Kowalczyk, Ocean Floor Geophysics Inc., Burnaby, Canada

11:15 am Detection of buried seafloor massive sulfides with the MARTEMIS TEM System, Sebastian Holz, GEOMAR Helmholtz Centre For Ocean Research, Kiel, Germany

9:00 am – 11:15 am

📍 Room 716

New discoveries and developments

CHAIRS: Charles Beaudry, Consultant & Bill Mercer, Avalon Advanced Materials Inc., Toronto, Canada

9:10 am Ayawilca zinc deposit: Peru, Graham Carman, Tinka Resources Limited, Vancouver, Canada

9:35 am Hod Maden gold/copper deposit: Turkey, Firuz Alizade, Lidya Madencilik, Ankara, Turkey

10:00 am Whabouchi lithium mine: Canada, Patrick Laforest, Nemaska Lithium Inc., Montreal, Canada

10:25 am Jadar lithium deposit: Serbia, Ken Tainton, Rio Tinto, London, England

10:50 am Marathon's Valentine gold camp: The largest gold deposit in eastern Canada, Sherry Dunsworth, Marathon Gold Corporation, Toronto, Canada

9:00 am – 11:15 am

📍 Room 717

Developing the mine we want to see: Advancing feasibility to construction

CHAIRS: Jim Chan, ERM & Aleksandr Mitrofanov, SRK Consulting (Canada) Inc., Toronto, Canada

9:10 am Mine start-up: Lessons learned from the last ten years, Patrick Smith, AMC Consultants, Brisbane, Australia

9:35 am Unlocking community consent: Making or breaking project feasibility, Emily Nunn, ERM, Dakar, Senegal

10:00 am So you want to fast track your project?, Neal Rigby, SRK Consulting (US) Inc., Denver, USA

10:25 am El Gallo project: Perspectives from exploration and mining in Mexico, Eurídice González, McEwen Mining Inc., Sinaloa, Mexico

10:50 am Krumovgrad project: Planning and persistence pay off, Irena Tsakova, Dundee Precious Metals, Sofia, Bulgaria



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TUESDAY • MARCH 5

Join us as we celebrate
industry excellence in the global mining industry.

Enjoy a hosted reception, gourmet dinner, fine wines,
then complimentary cocktails and dancing at the After Party.

See page 63 for further details.

Purchase your tickets now!

pdac.ca/convention



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AWARDS GALA

DINNER WINE

RECEPTION & AFTER PARTY





2019

**THE WORLD'S PREMIER
MINERAL EXPLORATION
& MINING CONVENTION**

NETWORKING EVENTS

- ▶ Awards Gala & After Party*
- ▶ Grand Finale
- ▶ Mineral Outlook Luncheon*
- ▶ Mining for Diversity Reception
- ▶ Mining Matters Hockey Tournament
- ▶ Opening Ceremonies
- ▶ Opening Day Reception
- ▶ PDAC New Members Networking Reception
- ▶ Student-Industry Networking Luncheon
- ▶ Trade Show Reception

*Tickets may be purchased, based on availability,
at the Ticket Sales counter, South Building, Level 600



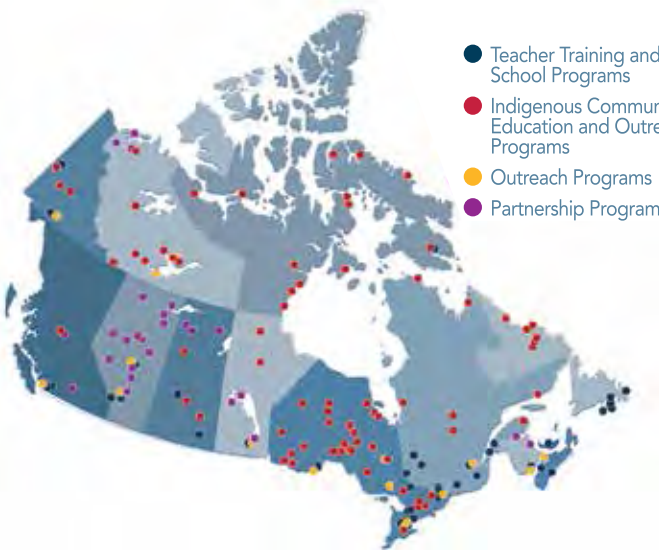


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Delivering 25 years of excellence in mineral resources education, **Mining Matters** has reached 700,000 students, teachers and members of the public across Canada providing innovative, exceptional educational materials and activities.

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- Indigenous Communities Education and Outreach Programs
- Outreach Programs
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June 13, 2019

Cedar Brae Golf Club, Scarborough, Ontario

For more information and sponsorship opportunities contact:

Sarah Hahn, Events Coordinator

T: 416-863-6463 ext 321 E: tournaments@miningmatters.ca

**Many thanks to our
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NETWORKING EVENTS

Pass or ticket required. Open to all pass types (unless otherwise noted)

Don't miss out on these valuable networking opportunities!

Tickets may be purchased, based on availability, at the Ticket Sales counter, Level 600

THE 12TH ANNUAL MINING MATTERS HOCKEY TOURNAMENT

SATURDAY, MARCH 2

8:00 am – 5:00 pm

📍 Scotiabank Pond, Downsview Park, Toronto



Presented by



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

Teams consisting of members of the minerals industry compete to see their name engraved on the coveted Caracle Cup! The day also features a \$10,000 Shoot for Loot challenge and fabulous raffle prizes.

Mining Matters wishes to recognize the following industry partners generously sponsoring the Mining Matters Hockey Tournament:

- Alamos Gold Inc.
- Bonterra Resources
- Cassels Brock & Blackwell LLP
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- Totten Insurance Group

Mining Matters thanks Caracle Creek, founding sponsor and sponsor of the Cup, for their vision and strong support since 2007.

For further information, please contact Sarah Hahn, Tournament Coordinator, at 416 863 6463 ext. 321 or tournaments@miningmatters.ca

OPENING CEREMONIES

Open to all pass types

SUNDAY, MARCH 3

10:30 am – 11:30 am

📍 South Building, Room 701

Join Glenn Mullan, PDAC President; The Honourable Amarjeet Sohi, Canada's Minister of Natural Resources; Ed Sackaney, Knowledge and Wisdom Keeper and other special guests as we mark the official opening of the 2019 Convention.

PDAC NEW MEMBERS NETWORKING RECEPTION *By invitation only*

SUNDAY, MARCH 3

3:00 pm – 5:00 pm

📍 South Building, Room 717

Presented by



PDAC is delighted to host an event exclusively for new members! Over 1,500 industry professionals are invited to network with PDAC Directors and fellow members from around the world. This is an opportunity to meet with your peers, make valuable connections and discuss key issues central to the mineral industry.

New members who RSVP will receive a complimentary drink ticket with their pass. Cash bar available.

Not a PDAC member?
Join now at www.pdac.ca/members/membership

NETWORKING EVENTS

OPENING DAY RECEPTION

All Access Pass, Exhibits Day Pass required

SUNDAY, MARCH 3

4:00 pm – 6:00 pm

North Building, Trade Show North

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CHINA CONSTRUCTION BANK

PDAC welcomes you to the largest networking event at the convention. Enjoy appetizers and a complimentary drink as you connect with attendees, exhibitors and colleagues.

All Access Pass holders receive a complimentary drink ticket with their pass. Cash bars available.

TRADE SHOW RECEPTION

All Access Pass, Exhibits Day Pass required

MONDAY, MARCH 4

3:00 pm – 5:00 pm

North Building, Trade Show North

Sponsored by



Enjoy a glass of wine or beer as you network with Trade Show North exhibitors and attendees from international and domestic companies, including organizations promoting technology, products, services and mining jurisdictions.

All Access Pass holders and Exhibits Day Pass holders receive a complimentary drink ticket with their pass. Cash bars available.

MINERAL OUTLOOK LUNCHEON

MONDAY, MARCH 4

12:00 pm – 2:00 pm

South Building, Room 718

Sponsored by



Julian Kettle, Vice Chairman of Metals and Mining, Wood Mackenzie, Guildford, UK

Is the mining industry investing enough or are metal shortages inevitable?

Mining investment peaked in 2012 at \$220 billion US, then fell rapidly to a low of just \$100 billion US by 2016. Since then, the sector has taken positive steps toward recovery in the midst of ever-growing challenges. So what lies ahead?

Join us as Julian Kettle discusses the possibility of metal shortages due to lack of investment in the mining industry.

Mr. Kettle has 30 years of experience in the analysis of metals and mining and is a recognized authority on the aluminium industry across the value chain from bauxite mining through to end-use analysis.

He frequently presents to senior industry and financial community stakeholders on Wood Mackenzie's analysis across the value chain of the metals and mining space covering copper, lead, nickel, zinc, iron ore, aluminium, steel and coal. His typical consulting assignments include: market environment assessment, expert witness, raw materials sourcing, contract pricing, portfolio optimization and strategic advising relating to brownfield and greenfield investments. Mr. Kettle holds a degree in metallurgy and micro-structural engineering.

Admission ONLY with ticket

Ticket: \$89.99 (includes a three-course meal, tax & gratuity)

AWARDS GALA & AFTER PARTY

TUESDAY, MARCH 5

5:30 pm – 11:00 pm **NEW START TIME**

📍 Fairmont Royal York, Concert Hall **NEW ROOM**

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Awards Gala

Franco Nevada
The GOLD Investment that WORKS

Dinner Wine



Reception & After Party



The PDAC Awards Gala celebrates industry excellence and brings together the who's who of the global mining industry. This is THE event where individuals and companies are acknowledged for their outstanding achievement and contributions to the Canadian mineral industry. Mix and mingle with C-level executives, financiers, brokers and mining developers at the glittering cocktail reception, followed by a three-course gourmet dinner and fine wines.

Then... it's on to the **AFTER PARTY!** This is your opportunity to rub shoulders with the 2019 Award Recipients, brokers, financiers and developers. Enjoy two complimentary drink tickets, dance and enjoy a great party atmosphere—the perfect backdrop for unlimited networking!

Dress: Business Attire, Black Tie Optional

Get your tickets early! This event SOLD OUT in 2018.

5:30 – 7:00 pm	Reception NEW START TIME
6:15 pm	Doors open
6:30 pm	Bars close
7:00 – 8:00 pm	Dinner
8:00 – 9:00 pm	Awards Presentations
9:00 – 11:00 pm	After Party

Admission ONLY with ticket.

Ticket: \$149.99 (includes tax & gratuity)

Table of 10: \$1,499.90

A maximum of 3 tables/30 tickets may be purchased per individual/company.



2019 AWARDS RECIPIENTS

- ★ **Bill Dennis Award**
Peregrine Diamonds Ltd. and BHP
Chidliak Discovery Team
- ★ **Distinguished Service Award**
Donald (Don) Bubar
- ★ **Environmental & Social
Responsibility Award**
NexGen Energy Ltd.
- ★ **Skookum Jim Award**
Gordon Maxwell
- ★ **Thayer Lindsley Award**
Cardinal Resources Limited
Namdini Gold Project
- ★ **Viola R. MacMillan Award**
Nemaska Lithium Inc.

NETWORKING EVENTS *Pass or ticket required*

STUDENT-INDUSTRY NETWORKING LUNCHEON

TUESDAY, MARCH 5

11:30 am – 1:30 pm

📍 North Building, Room 105/106

Sponsored by **LUNDINGROUP**

This reception-style buffet luncheon provides an opportunity for students and recent graduates to connect with industry professionals in a relaxed environment.

The winners of the Mary-Claire Ward Geoscience Award and the Joan Bath and Peter Howe Bursary for Advancement in the Mineral Industry will be announced, as well as the selected 2019 Student-Industry Mineral Exploration Workshop (S-IMEW) participants. There will be a draw for the annual tuition top-up awards. Proof of student membership is required to claim the award.

MINING FOR DIVERSITY RECEPTION *Open to all pass types*

TUESDAY, MARCH 5

4:00 pm – 6:00 pm

📍 North Building, Room 105/106

This event celebrates diversity and inclusion. Join women and men from the mining industry for the opportunity to network and hear from Marie Inkster, President & CEO of Lundin Mining Corp. and the inspiring awards recipients. Awards will be presented to individuals who have been instrumental in enabling the increase of a diverse workforce and an inclusive workplace within the mining industry. These include the Trailblazer Awards (woman and student), Trailblazer Indigenous Awards (woman and student), and the Rick Hutson Memorial Award for mentoring.

This event is coordinated by Women in Mining Canada in partnership with PDAC, with generous support from the Royal Bank of Canada and help from 30% Club, Mining Industry Human Resources Council, Temiskaming Native Women's Support Group, The Women's Association of the Mining Industry of Canada, Women Who Rock and all Canadian chapters of Women in Mining.

For more information, visit www.wimcanada.org

GRAND FINALE

Open to all pass types

WEDNESDAY, MARCH 6

8:00 pm – 12:00 am

📍 Fairmont Royal York, Concert Hall **NEW ROOM**

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nexa

After four exhilarating days at the world's premier mineral exploration and mining convention, it's time to **PARTY!**

Come and enjoy this must-attend **FREE** event!

Network and schmooze with the world's mining community while the **Dave Murphy Band** lights up the room with your favourite chart-topping tunes.

Get your two FREE drink tickets at the door, grab a bite to eat and dance, dance, dance!

Dress: Casual

IMPORTANT:

Keep your convention pass when leaving the Metro Toronto Convention Centre. Admission ONLY with your convention pass.





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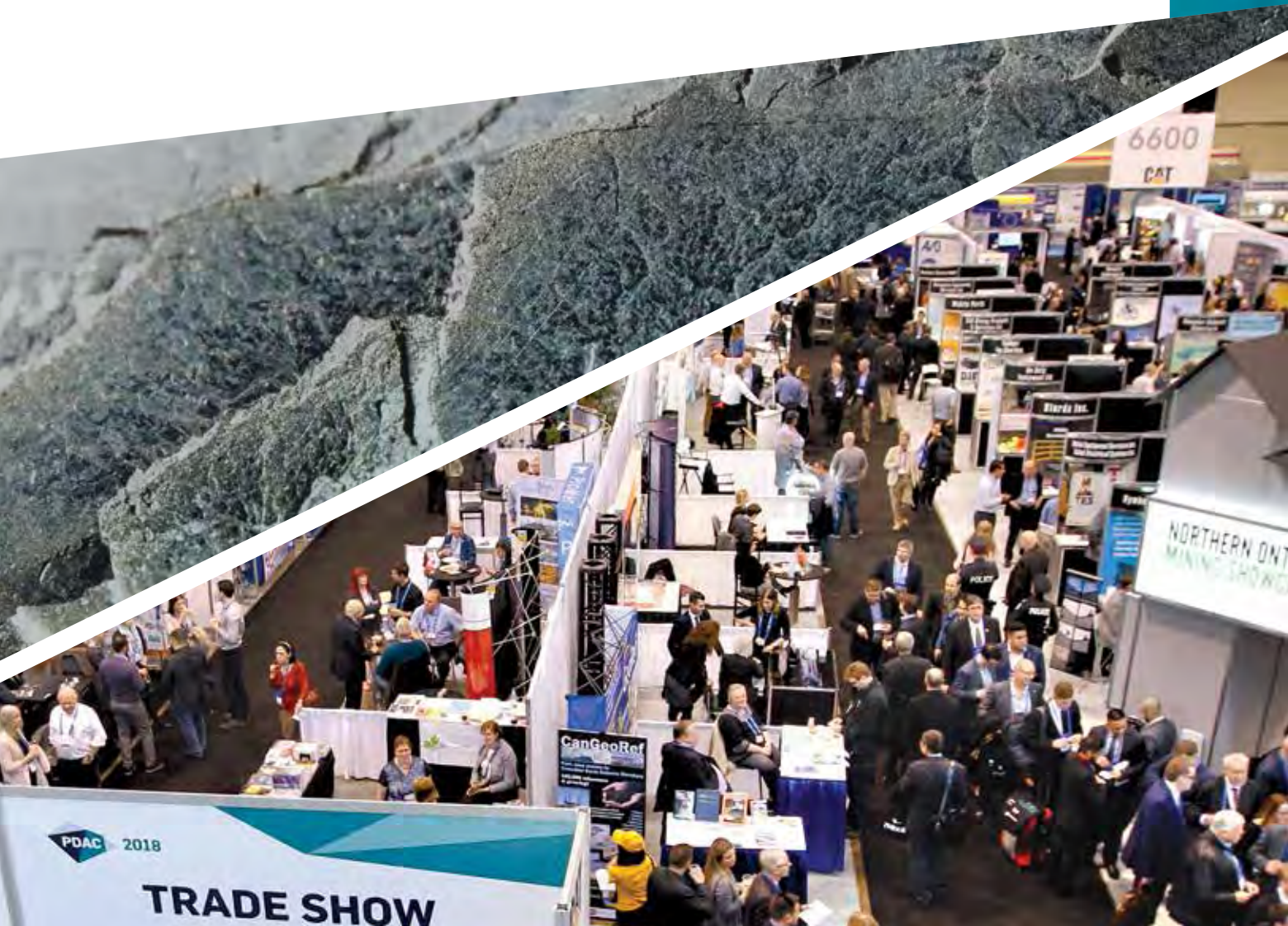
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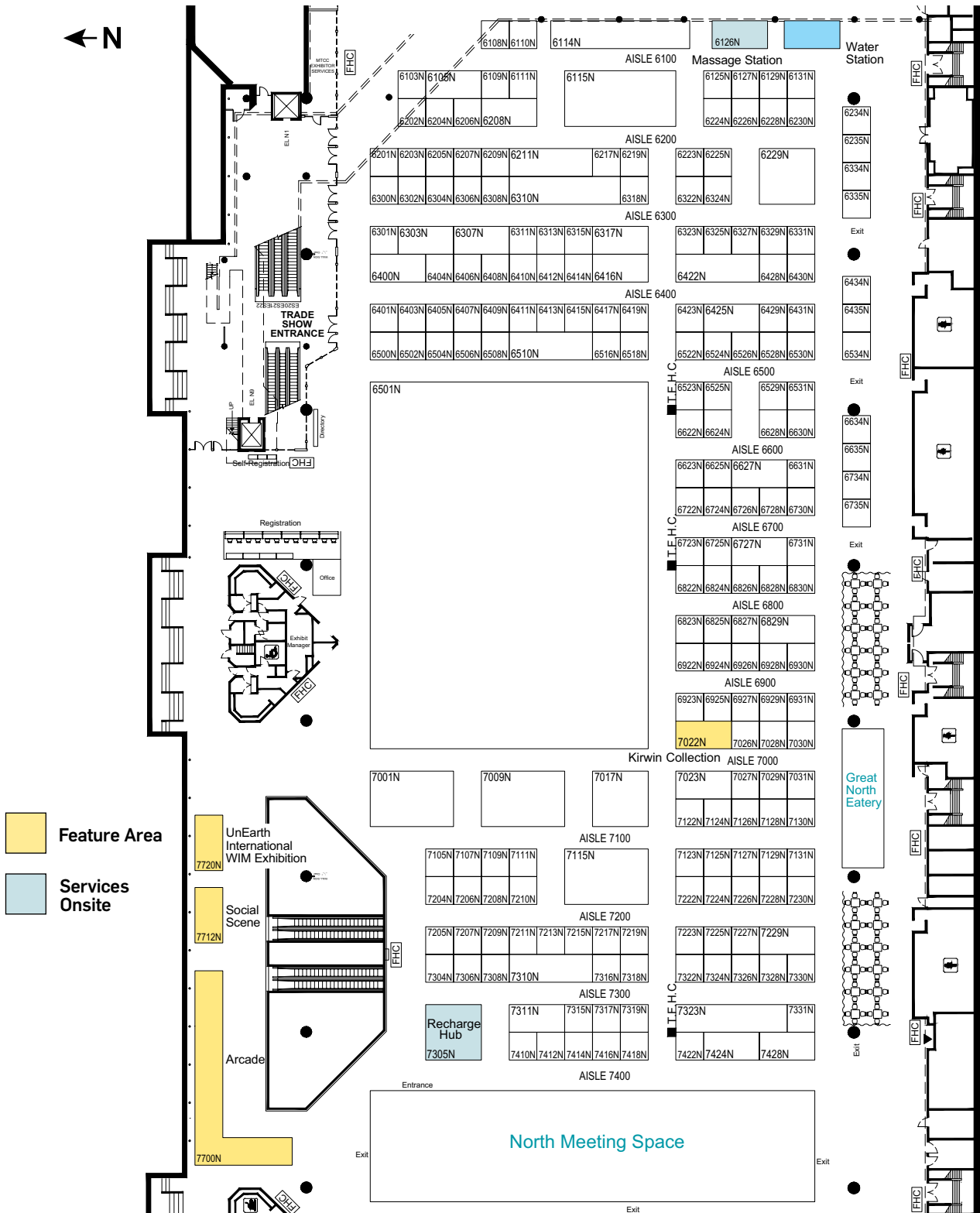
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Booth Assignments



- Booth numbers ending with "N" are Trade Show North exhibitors
- To view an exclusive list of Trade Show North exhibitors, please refer to the Exhibitor Directory located in the entrance to Trade Show North, Level 300

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512
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823
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526
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Allegheny Instruments, Inc.
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6425N
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448
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323
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Arethuse Geology
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711
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716
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122
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430
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Canada, Government of
539
www.nrcan-rncan.gc.ca

Canada-Nunavut Geoscience Office
1014
www.cngo.ca

Canadian Council for Aboriginal Business
6415N
www.ccab.com

Canadian Helicopters Limited
917
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Canadian Institute of Mining, Metallurgy & Petroleum (CIM)
215
www.cim.org

Caron Business Solutions Inc.
453
www.caronminingsolutions.com

Carpenters Union Local 2486
6627N
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CDN Resource Laboratories Ltd.
1227
www.cdnlabs.com

Cegid
7228N
www.cegid.com

Cenerg Global Tools
7224N
www.cenerg.us

Centric Mining Systems
1203
www.centricminingsystems.com

CGG
203
www.cgg.com

Chamber of Commerce Brazil-Canada
6504N
www.ccbc.org.br

Changsha VIBO Wearable Material Co.LTD
7129N
www.vibowear.com

Chemours
128
www.chemours.com

Chile, Trade Commission of
1349
www.prochile.gob.cl

China Chengdu Jouav Dapeng Tech Co., Ltd.
6417N
www.jouav.com

China Drilling Geological Equipment Ltd.
251
www.chinadrillingbits.com

China, Ministry of Natural Resources
829
www.mlr.gov.cn

Chloral
6234N
www.chloral.net

Cigna
6207N
www.cignaglobalhealth.com

ClearView Geophysics Inc.
902
www.geophysics.ca

Clemex Technologies Inc.
6127N
www.clemex.com

Collection Arkane
7316N
www.collectionarkane.com

Complete MT Solutions
210
www.complete-mt-solutions.com

Complete Target
6228N
www.completetarget.com

Condor Consulting, Inc.
6400N
www.condorconsult.com

Control Chemical 1989 Corporation
1142
www.matexdrillingfluids.ca

Core Case
1147
www.corecase.com

COREM
709
www.corem.qc.ca

Corescan Pty Ltd.
309
www.corescan.com.au

Corporate Traveller
6825N
www.corporatetraveller.ca

CRM GeoTomography Technologies, Inc.
6625N
www.crmgmtm.com

Crone Geophysics & Exploration Ltd.
800
www.cronegeophysics.com

CSA Global
249
www.csaglobal.com

CSIRO Mineral Resources
410
www.csiro.au

CTA Environmental Consultants
6404N
www.cta-consultoria.com

Custom Helicopters Ltd.
152
www.customheli.com

Cyanco
6225N
www.cyanco.com

Cypher Environmental Ltd.
1336
www.cypherenvironmental.com

D

Dandong Dongfang Measurement & Control Technology Co., Ltd.
7131N
www.en.dfmc.com

DataCloud
6235N
www.datacloud.com

Datamine Software Canada
146
www.dataminesoftware.com

DATC
937
www.datc-group.com

Davidson & Company LLP
346
www.davidson-co.com

DBC Makina
6307N
www.dbcmakina.com

De Beers Group Services
6304N
www.debtech.com

Deakin Industries
1212
www.deakin.com

Demizine Technology
6735N
www.demizinetech.com

Derrick Corporation
1019
www.derrick.com

Deswik
6502N
www.deswik.com

Devico Directional Drilling
517
www.devico.com

DGI Geoscience Inc.
842
www.dgigeoscience.com

Diamantina Christensen Trading Inc.
1328
www.diamantinachristensen.com

Dias Geophysical Limited
1228
www.diasgeo.com

Di-Corp
426
www.di-corp.com

Discovery Drill Manufacturer DDM Ltd.
1251
www.discoverydrills.com

Discovery International Geophysics Inc.
1042
www.discogeo.com

DMC Mining Services
604
www.dmcmining.com

DMT Group
622
www.dmt-group.com

Doppelmayr
1403
www.doppelmayr-mts.com

DRA
423
www.draglobal.com

Dumas Contracting Ltd.
507
www.dumasmining.com

Dundee Sustainable Technologies Inc.
1405
www.dundeetechnologies.com

Duralite Diamond Drills Ltd.
447
www.duralitediamonddrills.com

dynaCERT Inc.
6925N
www.dynacert.com

Dynamic Aviation Group Inc.
626
www.dynamicaviation.com

Dynamik
1000
www.dynamik.com

E

EcoAnalysts, Inc.
7317N
www.ecoanalysts.com

ECO Technologies
1248
www.ecotec.ca

Effigis Geo Solutions Inc.
440
www.effigis.com

Egyptian Ministry of Petroleum and Mineral Resources (MOP)
7310N
www.emra.gov.eg

Eijkkamp Sonic SampDrill
6931N
www.sonicsampdrill.com

EIT RawMaterials
6302N
www.eitrawmaterials.eu

ElectroMagnetic Imaging Technology Pty Ltd.
847
www.electromag.com.au

ELEMISSION Inc.
6329N
www.elemission.ca

EncoreFX
7410N
www.encorefex.com

Enduro Composites
6734N
www.endurocomposites.com

Enersoft
6203N
www.enersoft.ca

Englo, Inc DBA Engart, Inc.
6928N
www.engartglobal.com

Ensol Systems Inc.
6209N
www.ensolsystems.com

Enterprise Holdings Ottawa
6824N
www.enterprisetrucks.com

EON Geosciences Inc.
312
www.eongeosciences.com

Epiroc
723
www.epiroc.com

Equity Exploration Consultants Ltd.
6217N
www.equityexploration.com

ERIEZ
1140
www.eriez.com

ERM
726
www.erm.com

Esri Canada
701
www.esri.ca

European Union
7009N
www.europa.eu

Eutectic Canada Inc.
7416N
www.eutectic.ca

Expedition Helicopters Inc.
1223, 6423N
www.expeditionhelicopters.com

Expert Geophysics Limited
843
www.expertgeophysics.com

F

F.F.P. Systems Inc.
947
www.ffpsystems.com

Fennoscandian Exploration and Mining (FEM)
340
fem.lappi.fi/en

Finland, Geological Survey of
409
en.gtk.fi

Fladgate Exploration Consulting Corporation
703
www.fladgateexploration.com

Foraco International SA
1141
www.foraco.com

Forge FTE Drilling
6224N
www.foragefte.com

Forge Orbit Garant Drilling
240
www.orbitgarant.com

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Booth Assignments

Fordia

322
www.fordia.com

Foremost Industries LP

433
www.foremost.ca

Foth Infrastructure & Environment, LLC

1129
www.foth.com

Fracflow Consultants Inc.

344
www.fracflow.com

FWS Group of Companies

7027N
www.fwsgroup.com

G

G+ Plastics

7306N
www.plasticminer.com

Galaxy Broadband Communications Inc.

150
www.galaxybroadband.ca

Gap - Discovery HeliSAM Ltd.

7308N
www.discogeo.com

Gekko Systems

404
www.gekkos.com

GEM Systems Advanced Magnetometers

802
www.gemsystems.ca

Generation 2 Filtration

6724N
www.generation2filtration.com

Geo Data Solutions Inc.

818
www.geodatasolutions.ca

Geodevice LLC

1206
www.geo-device.com

Geo-Logic Associates

943
www.geo-logic.com

Geologica Inc.

333
www.geologica.qc.ca

Geological & Mining Equipment Branch of CMA

841
www.zdkz.org.cn

Geological Association of Canada (GAC)

6401N
www.gac.ca

Geological Survey of Victoria (Australia Minerals)

412
www.australiaminerals.gov.au

Geometrics

1242
www.geometrics.com

GeoMinera S.A.

6635N
www.gmsa.cu

Geonics Limited

811
www.geonics.com

Geophysics GPR International Inc.

1004
www.geophysicgpr.com

GEOREKA Software

7211N
www.geo-reka.com

Geoscience Australia (Australia Minerals)

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www.australiaminerals.gov.au

Geosense

607
www.geosense.nl

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100
www.geotechdrilling.com

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1209
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Geotechnologies

444
www.geotechnologies-rus.com

Géotic Inc.

124
www.geotic.ca

Geovariances

1330
www.geovariances.com

Geovista Ltd.

1439
www.geovista.co.uk

German Pavilion - Federal Ministry for Economic Affairs and Energy (BMWi)

6114N, 6115N
www.balland-messe.de

- BGR - Federal Institute for Geosciences and Natural Resources
- DGWA GmbH
- Dorfner Analysezentrum und Anlagenplanungsgesellschaft mbH
- Fugro Germany Land GmbH
- GAF AG
- Germany - Federal Ministry for Economic Affairs and Energy
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www.gfinstruments.com

Ghana, Minerals Commission of

1451
www.mincom.gov.gh

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G Mining Services Inc.

7023N
www.gmining.com

Golder Associates Ltd.

342
www.golder.com

Greenland Business Association

413
www.ga.gl

Greenland, Government of

417
www.govmin.gl

Grenville Minerals

331
613 545 3809

Groundradar Inc.

702
www.groundradar.com

GroundTech Solutions Ltd.

705
www.groundtechsolutions.com

Guangxi Senhe High Technology Co., Ltd.

7126N
www.gxshgk.com

Guyana Office for Investment

7323N
www.goinvest.gov.gy

GVMapper S.A.

7208N
www.gvmapper.com

H

Halltech Exploration Outfitters

108
www.htex.com

Hayward Baker, Inc.

651
www.haywardbaker.com

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7123N
www.joyroll.net

Hebei Xiaojin Machinery Manufacturing Inc.

7122N
www.xjm.cn

Heli Explore Inc.

527
www.heliexplore.ca

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www.htsc.com

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Freiberg for Resource
Technology**
6301N
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6208N
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406
www.hiseis.com.au

**Hole Products
Corporation**
7328N
www.holeproducts.com

**Horizon North
Logistics Inc.**
7422N
www.horizonnorth.ca

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7412N
www.hyspex.no

Hy-Tech Drilling Ltd.
351
www.hy-techdrilling.com

**HyVista Corporation Pty
Ltd.**
6722N
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I

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www.icomcanada.com

IFG Corporation
310
www.ifgcorp.com

**IGS International
Geoscience Services Ltd.**
253
www.igsint.com

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6414N
www.imago.live

**IMP Automation Canada
Ltd.**
525
www.impautomation.com

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Supplies Pty Ltd.**
1145
www.indlabsupplies.com.au

**Independent Mining
Consultants, Inc.**
719
www.imctucson.com

**India, Government of,
Ministry of Mines**
1241
www.mines.nic.in

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6322N
www.minecat.com

Industrial Info Resources
6300N
www.industrialinfo.com

Inertial Sensing
6510N
www.inertialsensing.com

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314
www.infomine.com

**Infosat Communications
LP**
130
www.infosat.com

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713
www.ingetrol.com

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6929N
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239
www.innovexplo.com

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Partnership**
944
www.innudev.com

Instrumentation GDD Inc.
706
www.gdd.ca

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Sarl**
6631N
www.interorientalbuilders.com

**International Airborne
Geophysics Safety
Association**
6206N
www.iagsa.ca

**International Directional
Services**
337
www.idsdrill.com

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Services**
337
www.idsdrill.com

Intertek
7205N
www.intertek.com

Intrepid Geophysics
305
www.intrepid-geophysics.com

**Ireland, Department of
Communications, Climate
Action & Environment**
903
www.dccae.gov.ie

IRL Supplies Ltd.
608
www.irlsupplies.com

ITC Global
6223N
www.itcglobal.com

J

**Jacobs Engineering Group
Inc.**
1407
www.jacobs.com

**Japan Oil, Gas and Metals
National Corporation**
1047
www.jogmec.go.jp

Japosat Satellite Mapping
1204
www.japosat.com

Jexplore Equipment Inc.
1146
www.jexploreinc.com

**Jikai (Hebei) Mechatronics
Technology Co., Ltd.**
7130N
www.jikaitech.com

Jinshi Drilltech Co., Ltd.
6315N
www.jsxplo.com

**JR Language Translation
Services Canada Inc.**
7227N
www.jrlanguage.ca

K

**Kappes, Cassidy &
Associates**
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www.kcareno.com

Kemetco Research Inc.
1052
www.kemetco.com

Kenn Borek Air Ltd.
6403N
www.borekair.com

**Kingston Process
Metallurgy Inc.**
119
www.kpm.ca

Kississing Lake Lodge
1053
www.kississinglodge.com

**Kitikmeot Cementation
Mining & Development
Ltd.**
1117
www.kitikmeotcorp.ca

Klen International
347
www.klen.com.au

Koan Designs
6728N
www.koandesigns.com

**Kroum VS Instruments
Limited**
514
www.kroumvs.com

L

**Lake Central Air Services
Inc.**
508
www.lakecentral.com

**Lamontagne Geophysics
Ltd.**
1103
www.lamontagnegeophysics.com

Langara Island Lodge
129
www.langara.com

**Laurentian University,
Harquail School of Earth
Sciences**
1230
hes.laurentian.ca

**Legacy Building Solutions
Canada**
6524N
www.legacybuilding
solutions.com

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Booth Assignments

Levanto Canada Inc.
1110
www.levanto.fi

LGL Limited
6335N
www.lgl.com

LiDAR Services International Inc.
241
www.lidarservices.ca

LIM Logging
442
www.lim.eu

M

Maccaferri Mining Solutions
6723N
www.maccaferri.com

Machines Roger International

1337
www.machines-roger.com

MacLean Engineering
216
www.macleaneengineering.com

Major Drilling
330
www.majordrilling.com

Major Reclaim Corp.
6323N
www.majorreclaim.com

Manitoba Geoscience Education
6111N
www.miningacademy.ca

Manitoba Pavilion
731
www.manitoba.ca/minerals

Manufacture Adria Inc.
441
www.adria-mfg.ca

Maptek
1039
www.maptek.com

Marine Transportation Services
7209N
www.inf.gov.nt.ca

Marlew S.A.
6311N
www.marlew.com.ar

MARL Technologies Inc.
6434N
www.marltechnologies.com

Master Drilling
7028N
www.masterdrilling.com

Matawa First Nations
750
www.matawa.on.ca

Matrix GeoTechnologies Ltd.
1106
www.matrixgt.com

Matrix Helicopter Solutions Inc.
1112
www.matrixco.ca

Maxidrill Inc.
401
www.maxidrill.com

Maxwell GeoServices
424
www.maxwellgeoservices.com

MBI Drilling Products
1322
www.mbidrillingproducts.com

MCCue Engineering Contractors
6431N
www.mccuecontracting.com

McDowell B. Equipment
503
www.bmcdowell.com

McElhanney Consulting Services Ltd.
625
www.mcelhanney.com

Me Too Mining Association
6428N
www.metoomining.com

Medusa Systems BV
446
www.medusa-radiometrics.com

Megadome Buildings
613
www.megadomebuildings.com

Meglab
6413N
www.megalab.ca

Mercator Geological Services Limited
7324N
www.mercatorgeo.com

Methapharm Inc.
6406N
www.methapharm.com

Met-Solve Laboratories Inc.
1222
www.met-solve.com

Mexican Geological Survey
1215
www.gob.mx/sgm/

M-I SWACO, A Schlumberger Co.
1302
www.slb.com

MICROMINE
603
www.micromine.com

Minalyze AB
853
www.minalyze.com

Mincon Group PLC
6407N
www.mincon.com

MineAfrica Inc.
923
www.mineafrica.com

- African Union
- Ethiopia Ministry of Mines, Petroleum and Natural Gas
- Guinea Ministry of Mines and Geology
- Lycopodium Minerals Canada Mines and Steel Development
- Sudan Ministry of Minerals

MineExcellence
1238
www.mineexcellence.com

MineHutte
7219N
www.minehutte.com

Minemax Inc.
7111N
www.minemax.com

Mineral Exploration Cooperative Research Centre
311
www.minexcrc.com.au

Mineral Technologies
6201N
www.mineraltechnologies.com

Minerva Intelligence Inc.
601
www.minervaintelligence.com

Minewise Technology
6523N
www.minewise.com

Mining and Process Solutions Pty Ltd.
7418N
www.mpsinnovation.com

Mining Finland
6310N
www.miningfinland.com

Mining Industry Human Resources Council (MiHR)
7109N
www.mihrc.ca

Mining Suppliers Trade Association (MSTA Canada)
919
www.mstacanada.ca

Ministry of Mining and Heavy Industry of Mongolia
6829N
www.erdenest.mn

Minnesota Department of Natural Resources
1043
www.mcc.mn.gov

Mira Geoscience Ltd.
814
www.mirageoscience.com

MMD Mineral Sizing Canada Inc.
6229N
www.mmdsizers.com

Montt Group SpA
1123
www.monttgroup.com

Moolmans
6129N
www.moolmans.com

Moroccan National Office of Hydrocarbons and Mines (ONHYM)
126
www.onhym.com

Mount Sopris Instrument
1417
www.mountsopris.com

MPX Geophysics Ltd.
805
www.mpxgeophysics.com

MS Analytical
1006
www.msalabs.com

MSH INTERNATIONAL
7315N
www.americas.msh-intl.com

Mud Bay Drilling
1332
www.mudbaydrilling.com

Multi-Power Products Ltd.
1151
www.multipowerproducts.com

N
Namibia Geological Survey
712
www.gsn.gov.na

National Compressed Air Canada Ltd.
518
www.nationalcompressedair.com

National Mining Agency of Colombia
7001N
www.anm.gov.co

Natural History Museum Consulting
338
www.nhm.ac.uk/business-services/consulting

Nature's Canvas Inc.
6430N
www.naturescanvas.co

NCS Fuel
7026N
www.ncsfuel.com

Netafim USA
7330N
www.netafimusa.com

Network Innovations Inc.
109
www.networkinv.com

Nevada
7017N
www.minerals.nv.gov

New Brunswick Department of Energy and Resource Development
136
www.gnb.ca/energy

New Brunswick Prospectors & Developers Association
138
www.nbpda.org

New Resolution Geophysics
1108
www.airbornegeophysics.com

New South Wales, Australia (Australia Minerals)
317
www.australiaminerals.gov.au

New Zealand Government
904
www.nzpam.govt.nz

Newfoundland and Labrador: Explore the opportunities
149
www.nr.gov.nl.ca/nr

New-Sense Geophysics Limited
212
www.new-sense.com

Newterra Ltd.
1443
www.newterra.com

Nms Industries
7230N
www.nmsystems.cn

Nolinor Aviation
6506N
www.nolinor.com

Nomadis Inc.
112
www.nomadis.co

Nordmin Group of Companies
6823N
www.nordmin.com

Norseman Structures
111
www.norsemanstructures.com

Northern Ireland, Department for the Economy
907
www.bgs.ac.uk/gsni

Northern Light Technologies
6435N
www.nltinc.com

Northern Mat & Bridge
6419N
www.northernmat.ca

Northern Miner Group, The
810
www.northernminer.com

Northern Ontario Mining Showcase
6501N
www.northernontariomining.com

- A-1 Blasting Mats
- Abitibi Geophysics
- ACR Fuller Group
- Asabanaka Drill Services
- Association of Indigenous Mining Services
- B & D Manufacturing
- B&G industrial
- BESTECH
- BioNorth Solutions
- Blue Heron Environmental / Zhashagi
- BPT Components & Parts Inc
- BZ Environmental
- Cambrian College
- Canadian Diamond Drilling Association
- Canadian Exploration Services Limited (CXS)
- Canadian Shield Consultants Agency Inc
- Carmix Canada Limited
- Carriere Industrial Supply
- Centre for Excellence in Mining Innovation
- City of Temiskaming Shores
- Clickmox Solutions
- Collège Boréal
- Conveyors Plus Ltd
- Covergalls Inc.
- CRD Creighton Rock Drill
- Deltion Innovations
- DJB Mining Products & Services Ltd.
- Dr Tarp
- Drillco Mining and Exporation
- Element Ltd.
- Englobe Corp.
- Equipment North Inc.
- Fabrithane Industrial Products Inc.
- FedNor
- Fisher Wavy
- Gilli's Custom Containers Inc.
- Heath & Sherwood (1964) Limited
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- Iring
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- K4 Integration / TopVu
- Komri Engineering
- Legend Mining Inc.
- Linnovative Solutions, Inc.
- LTL Contracting
- Maestro Digital Mine
- Marcotte Mining Machinery Services Inc.
- Markey Consulting
- Materials Joining Innovation Centre
- Meridian Fuels Inc
- Metal Fab Limited
- Miller Group of Companies
- Miller Technology
- Minalytx
- Mine Source Inc.
- Minewise Technology
- MIRARCO Mining Innovation
- Mobile Parts
- Morgan Fuels
- NADF
- Nimkie Mining
- NORCAT
- NORPRO
- North Bay Machining Centre Inc
- Northern Superior Structural Solutions Ltd
- North Star Air
- Northern College / Northern Training Division
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- Objectivity
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- Poly-Ure Castings Limited
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- Prodrill a Sling-Choker Mfg. company
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- Rainbow Concrete Industries Ltd
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- Rector Machine Works Ltd
- Resolution Machining
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- Rocvent Inc
- Ronacher McKenzie Geoscience
- Schauenburg Industries Ltd.
- SHYFT Inc.
- Spectrum Telecom Group Ltd.
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- Superior Strategies
- Symboticware Inc.
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- TIME Limited
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- Town of Cochrane
- Town of Hearst
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- Tracks and Wheels
- Turtle Island Protection Services
- Variant Mining Technologies
- Wabi Iron & Steel Corp.
- Wahgoshig Resources Inc. / Black Diamond Drilling Services
- Wasaya Airways
- Windigo Ventures GP
- Wipware Inc.
- Workplace Safety North / Sécurité au travail dans le Nord

Northern Survey Supply
513
www.nsscscanada.com

Northern Territory Geological Survey (Australia Minerals)
414
www.australiaminerals.gov.au

Northspan Explorations Ltd.
6405N
www.northspan.ca

Northwest Drills
7304N
www.nwdrills.com

Northwest Territories & Nunavut Chamber of Mines
1008
www.miningnorth.com

Northwest Territories, Government of
1107
www.nwtmining.com

Norway, Geological Survey of
815
www.ngu.no

Nova Scotia Department of Energy and Mines
145
www.gov.ns.ca/natr

Nova Scotia Prospectors Association
137
www.prospectors.ns.ca

NOVATEM Inc.
602
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www.nunalogistics.com

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1114
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Nunavut, Government of
1016
www.gov.nu.ca/edt

Nuvia Dynamics Inc.
1037
www.nuvia-dynamics.com

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7107N
www.objectivity.ca

Offtake Ltd.
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Olympus America Inc.
914
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Ontario Ministry of Energy, Northern Development and Mines
637
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Ore Research and Exploration P/L
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Orix Geoscience Inc.
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Overburden Drilling Management Limited
910
www.odm.ca

P
Pacific Geomatics Ltd.
614
www.pacgeo.com

Parts Headquarters Inc.
1231
www.phqglobal.com

Paterson, Grant & Watson Limited
6408N
www.pgw.on.ca

Peru
1423
www.canadaperu.org

Petro-Canada Fuels
6628N
www.petro-canada.ca/business

Petro-Canada Lubricants Inc.
6630N
lubricants.petro-canada.com

Phoenix Geophysics Limited
211
www.phoenix-geophysics.com

PhotoSat Information Ltd.
510
www.photosat.ca

Phoventus Inc.
6930N
www.phoventus.com

Pilot Diamond Tools
7030N
www.pilotdiamondtools.ca

Piteau Associates Engineering Ltd.
523
www.piteau.com

PLS Insoles Inc.
1041
www.plssoles.com

PowerTraxx Vehicles Inc.
1127
www.powertraxx.com

Pozitif Sondaj Ltd.
1250
www.pozitifsondaj.com.tr

Precision GeoSurveys Inc.
6822N
www.precisiongeosurveys.com

Primero
6726N
www.primero.ca

Prinoth
643
www.prinoth.com

Priority Drilling Ltd.
6131N
www.prioritydrilling.ie

Promer Consultancy Engineering Inc.
1202
www.promerengineering.com.tr

Promine
7207N
www.promine.com

Prospectors Supplies Pty Ltd.
1244
www.coresafecoretrays.ca

Q

Qingdao Yosion Labtech Co., Ltd.
6204N
www.yosionlabtech.com

Qmine Geo-Service Corp.
6624N
www.qmine.ca

Quantec Geoscience
1323
www.quantecgeoscience.com

Quarry and Mining Equipment Ltd.
938
www.qme.ie

Québec, Gouvernement
222, 223
www.mern.gouv.qc.ca

Queen's University, Department of Geology
1046
www.queensu.ca/geol

Queensland Government (Australia Minerals)
319
www.australiaminerals.gov.au

R

R.T. Boyd Limited
617
www.rtboydlimited.com

RADEXPRO EUROPE OÜ
7210N
www.radepro.com

Radiation Solutions Inc.
808
www.radiationsolutions.ca

Raymac Environmental Services Inc.
845
www.raymac.com

RBL-REI
6125N
www.rblrei-france.com

RCM Modular
606
www.rcmmodular.com

RDH Mining Equipment
437
www.rdhminingequipment.com

Red Lake, Municipality of
752
www.redlake.ca

Refacciones Neumaticas La Paz, S.A. De C.V.
7229N
www.rnpsa.com

Reflex Instruments N.A.
327
www.reflexnow.com

Risk Assistance Group
7318N
www.riskassistancegroup.com

Rite Idler
6530N
www.riteidler.com

RME Geomatics
6411N
www.rmegeomatics.com

RMS Instruments
208
www.rmsinst.com

Roadpost
343
www.roadpost.com

Robertson Geologging USA, Inc.
1210
www.geologging.com

Robotics Centre
7225N
www.robotics-centre.com

ROCKMORE International Inc.
6516N
www.rockmore-intl.com

ROCK-TECH
1036
www.rock-tech.net

Romquest Technologies
1012
www.romquest.com

Roscoe Postle Associates Inc.
316
www.rpacan.com

RPC
431
www.rpc.ca

RPMGlobal Canada Ltd.
708
www.rpmglobal.com

Russian Stone, The
509
www.therussianstone.com

RWDI
502
www.rwdi.com

S

S&P Global Market Intelligence
115
www.marketintelligence.spglobal.com

SafeSight Exploration Inc.
6226N
www.safesightxp.com

Sage
7331N
www.sage.com

Sander Geophysics
131
www.sgl.com

Sandvik Mining
1031
www.sandvik.com

Saskatchewan Trade and Export Partnership
6303N
www.sasktrade.com

Saskatchewan, Government of
531
www.saskatchewan.ca

SAXUM Engineered Solutions
6826N
www.saxum.us

Schramm, Inc.
1324
www.schramminc.com

SciAps, Inc.
7311N
www.sciaps.com

Scintrex
1001
www.scintrexltd.com

Scott Hogg & Associates Ltd.
722
www.shageophysics.com

Scott Steel Erectors Inc.
6334N
www.scottsteel.ca

Scott Technology Ltd.
7213N
www.scottautomation.com

SCR Mining and Tunnelling L.P.
7031N
www.scrmines.com

Seequent (Leapfrog Software)
350
www.leapfrog3d.com

SEI Industries Ltd.
807
www.sei-ind.com

Semm Logging
1409
www.semmlogging.com

senseFly
1013
www.sensefly.com

Sepor, Inc.
1010
www.sepor.com

Sepro Mineral Systems Corp.
1224
www.seprosystems.com

SGS
102
www.sgs.com/mining

Shandong Xinhai Mining Technology & Equipment Inc.
7125N
www.xinhaimining.com

SHERP
7428N
www.sherp.ca

Sherritt International Corporation
948
www.sherritt.com

Shijiazhuang ZhengRong Pump Co., Ltd.
7124N
www.zrpump.com

Sigfusson Northern Ltd.
6923N
www.sigfusson.ca

Signature Group Inc.
217
www.signaturegroupinc.com

Simcoe Geoscience Limited
616
www.simcoegeoscience.com

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Booth Assignments

**Sirius Wilderness
Medicine Inc.**
429
www.siriusmed.com

Sisprobe
6306N
www.sisprobe.com

**Skyline Assayers &
Laboratories**
839
www.skylinelabs.com

skymineUAV
7414N
www.skymineuav.com

SkyTEM Canada Inc.
911
www.skytem.com

**SLR Consulting Canada
Ltd.**
118
www.slrconsulting.com

**Small Modular Reactors
& Mining**
7029N
www.cnl.ca

SmithCo Mfg, Inc.
6727N
www.sidedump.com

SNF Canada
6202N
www.snfcanda.com

**Society for Mining,
Metallurgy & Exploration
(SME) Inc.**
218
www.smenet.org

**Society of Economic
Geologists**
718
www.segweb.org

SODERN
627
www.sodern.com

SolidCAD
7217N
www.solidcad.ca

**South Africa, Department
of Mineral Resources**
1343
www.dmr.gov.za

**South Australia,
Government of
(Australia Minerals)**
416
www.australiaminerals.gov.
au

**Southern Mapping
Company**
341
www.southernmapping.com

SpectIR, LLC
1017
www.spectir.com

Spectral Evolution
1411
www.spectralevolution.com

Spektra Drilling
1015
www.spektra.com.tr

**SRK Consulting Canada
Inc.**
113
www.srk.com

**St. Petersburg State
Mining Institute**
717
www.spmi.ru/en

Stantec
609
www.stantec.com/mining

Star Trace Private Ltd.
6731N
www.startraceltd.com

**Stockholm Precision Tools
AB**
6422N
www.sptab.com

Story Environmental Inc.
1133
www.storyenvironmental.
com

Stuart Olson
247
www.stuartolson.com

Sudbury, City of Greater
653
www.investsudbury.ca

Summit Camps
6927N
www.summitcamps.ca

Summit Helicopters
849
www.summithelicopters.ca

SUNDRIL
6318N
www.sundril.com

SurveyTECH Instruments
953
www.surveytechin-
struments.com

**Sweden, Geological
Survey of**
405
www.sgu.se

**Swick Drilling North
America**
1048
www.swickdrilling.com

**Systems for Research
Corp.**
6623N
www.sfr.ca

**Tasmania, Mineral
Resources (Australia
Minerals)**
315
www.australiaminerals.gov.
au

Team Drilling LP
1246
www.teamdrilling.com

Technica Mining
6529N
www.technicagroup.com

Technidrill
1436
www.technidrill.com

Tema Isenmann
6730N
www.temaisenmann.com

**Terra Modelling Services
Inc.**
6531N
www.terramodellingser-
vices.ca

**Terrace Business
Resource Centre**
6412N
www.terraceinfo.ca

TerraCore
1449
www.terracoregeo.com

Terrane Geoscience Inc.
1136
www.terranegeoscience.com

Terraplus Inc.
804
www.terraplus.ca

Terraquest Ltd.
114
www.terraquest.ca

Tetra Tech
908
www.tetrattech.com

The Claim Group Inc.
1111
www.theclaimgroup.com

**The Thyssen Mining Group
of Companies**
7319N
www.thyssenmining.com

**The West Coast Fishing
Club**
345
www.westcoastfishingclub.
com

Thermo Fisher Scientific
504
www.thermofisher.com/pai

**Thomas O'Neill &
Associates Inc.**
349
www.oneill-inc.com

**Thor Global Enterprises
Ltd.**
6924N
www.thorglobal.ca

ThreeDify Inc.
612
www.threedify.com

**Thunder Bay, Mining in
Northwestern Ontario**
946
www.thunderbaycedc.ca

Tioga Air Heaters
6922N
www.tiogaairheaters.com

TransPerfect Translations
623
www.transperfect.com

Tretan Inc.
6827N
www.tretan.com

Trimble
243
landadmin.trimble.com

Truescape Ltd.

6830N
www.truescape.com

TSL Laboratories Inc.

500
www.tsllabs.com

Tulloch Engineering

524
www.tulloch.ca

Tundra Airborne Surveys Ltd.

1237
www.tundraair.com

Türkiye Pavilion, Ministry of Energy and Natural Resources

7115N
www.enerji.gov.tr

TUVANOSA

6103N
www.tuvanosa.com

U**U.S. Geological Survey**

1009
www.minerals.usgs.gov

Universal Helicopters

1044
www.uhnl.nf.ca

Université de Lorraine

1339
www.univ-lorraine.fr

University of British Columbia

436
www.mdru.ubc.ca

University of Toronto

120
www.es.utoronto.ca

University of Waterloo, Department of Earth and Environmental Sciences

945
www.uwaterloo.ca/earth-environmental-sciences

V**Valaurum, Inc.**

6205N
www.valaurum.com

Vancon Core Saw Inc.

7223N
www.vanconcoresaw.com

Varco Pruden Buildings (VP Buildings)

704
www.vp.com

Vektore Exploration Consulting Corporation

452
www.vektore.com

Veolia Water Technologies

236
www.veoliawatertech.com

VersaDrill Canada

751
www.versadrillcanada.com

VICTAULIC

301
www.victaulic.com

Voyages Lindberg Travel Inc.

6534N
www.lindbergtravel.com

W**Wabun Tribal Council**

6410N
www.wabun.on.ca

Wajax

940
www.wajax.com

Walden Group, The

1152
www.waldengroup.ca

Watts, Griffis and McQuat Limited

901
www.wgm.ca

Weatherhaven

700
www.weatherhaven.com

Western Australia, Department of Mines, Industry Regulation and Safety (Australia Minerals)

418
www.australiaminerals.gov.au

Westpro Machinery Inc.

6634N
www.westpromachinery.com

Wink Vibracore Drill Company Ltd.

1139
www.vibracorer.com

Wireline Services Group

307
www.wirelineservices.com.au

Wood PLC

1100
www.woodplc.com

WSP Canada Inc.

1216
www.wsp.com

X**Xcalibur Airborne Geophysics**

450
www.xagsa.com

Xpera Risk Mitigation and Investigation

353
www.xpera.ca

Xploration Services Greenland A/S

6317N
www.xplorationsservices.com

XPS

615
www.xps.ca

XRF Scientific Americas Inc.

7105N
www.xrfscientific.com

Y**Yantai Jinpeng Mining Machinery Co., Ltd.**

7128N
www.ytjpkj.com

Yukon Chamber of Mines

6522N
www.yukonminers.org

Yukon, Government of

528
www.geology.gov.yk.ca

Z**Zonge International Inc.**

1038
www.zonge.com

TRADE SHOW & TRADE SHOW NORTH

Exhibitors by Business Category

COMPANY	BOOTH	COMPANY	BOOTH	COMPANY	BOOTH
Air transportation services					
Air Greenland Charter	415	Aurum Exploration Services	716	SolidCAD	7217N
Avjet Holding Inc.	624	BBA Inc.	724	SRK Consulting Canada Inc.	113
Bollore Logistics Canada Inc.	427	Beak Consultants GmbH	915	Stantec	609
Canadian Helicopters Limited	917	Business Consultants Mexico	1229	Story Environmental Inc.	1133
Chloral	6234N	Caron Business Solutions Inc.	453	Terra Modelling Services Inc.	6531N
Corporate Traveller	6825N	Complete MT Solutions	210	Terrane Geoscience Inc.	1136
Custom Helicopters Ltd.	152	Condor Consulting, Inc.	6400N	Tetra Tech	908
Expedition Helicopters Inc.	1223, 6423N	CSA Global	249	The Claim Group Inc.	1111
Heli Explore Inc.	527	CTA Environmental Consultants	6404N	TransPerfect Translations	623
Helicopter Transport Services	7322N	Cypher Environmental Ltd.	1336	Truescape Ltd.	6830N
Kenn Borek Air Ltd.	6403N	DRA	423	Tulloch Engineering	524
Kississing Lake Lodge	1053	EcoAnalysts, Inc.	7317N	Vektore Exploration Consulting Corporation	452
Nolinor Aviation	6506N	Equity Exploration Consultants Ltd.	6217N	Watts, Griffis and McQuat Limited	901
Summit Helicopters	849	ERM	726	Wood PLC	1100
Universal Helicopters	1044	Fladgate Exploration Consulting Corporation	703	WSP Canada Inc.	1216
Voyages Lindberg Travel Inc.	6534N	Foth Infrastructure & Environment, LLC	1129	XPS	615
Associations					
American Geosciences Institute	6500N	Fracflow Consultants Inc.	344	Drill equipment/services & compressors	
Association of Professional Geoscientists of Ontario (APGO)	851	G Mining Services Inc.	7023N	Acker Drill Company	512
Brasil Pavilion	1303	Geo-Logic Associates	943	AMC North America Limited	323
Canadian Institute of Mining, Metallurgy & Petroleum (CIM)	215	Geologica Inc.	333	Aziwell AS	6409N
Carpenters Union Local 2486	6627N	Golder Associates Ltd.	342	Baroid Industrial Drilling Products	809
Chamber of Commerce Brazil-Canada	6504N	Hi Tech PMR	6725N	BAUER Maschinen GmbH	515
EIT RawMaterials	6302N	IGS International Geoscience Services Ltd.	253	Bg Drilling Solutions OOD	7215N
Geological & Mining Equipment Branch of CMA	841	Independent Mining Consultants, Inc.	719	Boart Longyear	101
Geological Association of Canada GAC 6401N		InnovExplo Inc.	239	Cabo Drilling Corp.	430
German Pavilion - Federal Ministry for Economic Affairs and Energy (BMW)	6114N, 6115N	Jacobs Engineering Group Inc.	1407	China Drilling Geological Equipment Ltd.	251
Greenland Business Association	413	Kappes, Cassiday & Associates	1131	Control Chemical 1989 Corporation	1142
International Airborne Geophysics Safety Association	6206N	Kingston Process Metallurgy Inc.	119	DBC Makina	6307N
Me Too Mining Association	6428N	LGL Limited	6335N	Devico Directional Drilling	517
Mining Industry Human Resources Council (MiHR)	7109N	Maccaferri Mining Solutions	6723N	Discovery Drill Manufacturer DDM Ltd.	1251
Mining Suppliers Trade Association (MSTA Canada)	919	Major Reclaim Corp.	6323N	DMC Mining Services	604
New Brunswick Prospectors & Developers Association	138	Matrix GeoTechnologies Ltd.	1106	Duralite Diamond Drills Ltd.	447
Northwest Territories & Nunavut Chamber of Mines	1008	Maxwell GeoServices	424	Eijkelkamp SonicSampDrill	6931N
Nova Scotia Prospectors Association	137	MineAfrica Inc.	923	Epiroc	723
Society for Mining, Metallurgy & Exploration (SME) Inc.	218	Montt Group SpA	1123	Foraco International SA	1141
Society of Economic Geologists	718	Natural History Museum Consulting	338	Forge FTE Drilling	6224N
Terrace Business Resource Centre	6412N	Nordmin Group of Companies	6823N	Forge Orbit Garant Drilling	240
Consulting Services					
Aarhus Geophysics ApS	7206N	Objectivity	7107N	Geotech Drilling Services Ltd.	100
AMC Mining Consultants Canada	448	Orix Geoscience Inc.	6417N	GroundTech Solutions Ltd.	705
Arethuse Geology	605	Paterson, Grant & Watson Limited	6408N	Hy-Tech Drilling Ltd.	351
Argentine Mining Industry Pavilion	1023	Phoventus Inc.	6930N	Inertial Sensing	6510N
		Piteau Associates Engineering Ltd.	523	Ingetrol	713
		Primero	6726N	Machines Roger International	1337
		Promer Consultancy Engineering Inc.	1202	Major Drilling	330
		R.T. Boyd Limited	617	MARL Technologies Inc.	6434N
		Risk Assistance Group	7318N	Maxidrill Inc.	401
		Roscoe Postle Associates Inc.	316	Mud Bay Drilling	1332
		RPMGlobal Canada Ltd.	708	Multi-Power Products Ltd.	1151
		RWDI	502	National Compressed Air Canada Ltd.	518
		SAXUM Engineered Solutions	6826N	Northspan Explorations Ltd.	6405N
		Signature Group Inc.	217	Northwest Drills	7304N
		skymineUAV 7	414N	Parts Headquarters Inc.	1231
		SLR Consulting Canada Ltd.	118	Pozitif Sondaj Ltd.	1250

COMPANY	BOOTH	COMPANY	BOOTH	COMPANY	BOOTH
Priority Drilling Ltd.	6131N	G+ Plastics	7306N	SmithCo Mfg, Inc	6727N
Refacciones Neumaticas La Paz, S.A. De C.V.	7229N	Gekko Systems	404	Spectral Evolution	1411
Reflex Instruments N.A.	327	Generation 2 Filtration	6724N	Star Trace Private Ltd.	6731N
Sandvik Mining	1031	Guangxi Senhe High Technology Co.,Ltd.	7126N	SUNDRIL	6318N
Schramm, Inc.	1324	Halltech Exploration Outfitters	108	Swick Drilling North America	1048
Spektra Jeotek As	1015	Hebei Joyroll Conveyor Machinery Co., Ltd.	7123N	Technidrill	1436
SCR Mining and Tunnelling L.P.	7031N	Hebei Xiaojin Machinery Manufacturing Inc.	7122N	Tema Isenmann	6730N
Team Drilling LP	1246	Industrial Fabrication Inc.	6322N	Terraplus Inc.	804
Technica Mining	6529N	Inter Oriental Builders Sarl	6631N	Thermo Fisher Scientific	504
VersaDrill Canada	751	IRL Supplies Ltd.	608	Thor Global Enterprises Ltd.	6924N
Wink Vibracore Drill Company Ltd.	1139	Jexplore Equipment Inc.	1146	Tioga Air Heaters	6922N
Xploration Services Greenland A/S		Jikai (Hebei) Mechatronics Technology Co., Ltd.	7130N	Tretan Inc.	6827N
Exploration/mining companies		Jinshi Drilltech Co., Ltd.	6315N	TUVANOSA	6103N
GeoMinera S.A.	6635N	Levanto Canada Inc.	1110	Vancon Core Saw Inc.	7223N
Moolmans	6129N	MacLean Engineering	216	Wajax	940
Sherritt International Corporation	948	Manufacture Adria Inc.	441	Walden Group, The	1152
Sigfusson Northern Ltd.	6923N	Matrix Helicopter Solutions Inc.	1112	Weatherhaven	700
The Thyssen Mining Group of Companies	7319N	MBI Drilling Products	1322	Westpro Machinery Inc.	6634N
Exploration/mining equipment & supplies		McDowell B. Equipment	503	Yantai Jinpeng Mining Machinery Co., Ltd.	7128N
ABEL Pumps LP	6327N	Megadome Buildings	613	Financial/insurance companies	
AGT Systems	432	Meglab	6413N	Davidson & Company LLP	346
AIL Mining	710	M-I SWACO, A Schlumberger Co.	1302	EncoreFX	7410N
ALPHA Chemical	6105N	Minalyze AB	853	MSH INTERNATIONAL	7315N
Anhui Hin-Lin Imp.&Exp. Co.,Ltd.	7127N	Mincon Group PLC	6407N	S&P Global Market Intelligence	115
Bag Supplies Canada Ltd.	6429N	Mineral Technologies	6201N	Thomas O'Neill & Associates Inc.	349
Béton Préfabriqué du Québec	6324N	MMD Mineral Sizing Canada Inc.	6229N	Geological surveys	
BGRIMM-MAT	7222N	Netafim USA	7330N	British Columbia, Ministry of Energy, Mines and Petroleum Resources	631
Bme	1453	Nms Industries.	7230N	Canada-Nunavut Geoscience Office	1014
Breaker Technology	6416N	Northern Ontario Mining Showcase	6501N	Finland, Geological Survey of	409
Bucan Electric Heating Devices Inc.	7326N	NTT CORESAW	1113	Geological Survey of Victoria (Australia Minerals)	412
CDN Resource Laboratories Ltd.	1227	Olympus America Inc.	914	Geoscience Australia (Australia Minerals)	313
CENERG GLOBAL TOOLS	7224N	Outotec Canada Ltd.	803	Mercator Geological Services Limited	7324N
Changsha VIBO Wearable Material Co.LTD	7129N	Petro-Canada Fuels	6628N	Mexican Geological Survey	1215
Chemours	128	Petro-Canada Lubricants Inc.	6630N	Namibia Geological Survey	712
Core Case	1147	Pilot Diamond Tools	7030N	New South Wales, Australia (Australia Minerals)	317
Dandong Dongfang Measurement & Control Technology Co., Ltd.	7131N	PowerTraxx Vehicles Inc.	1127	New Zealand Government	904
DATC	937	Prinoth	643	Northern Survey Supply	513
De Beers Group Services	6304N	Prospectors Supplies Pty Ltd.	1244	Northern Territory Geological Survey (Australia Minerals)	414
Deakin Industries	1212	Quarry and Mining Equipment Ltd.	938	Norway, Geological Survey of	815
Demizine Technology		Raymac Environmental Services Inc.	845	Queensland Government (Australia Minerals)	319
Derrick Corporation	1019	RBL-REI	6125N	South Australia, Government of (Australia Minerals)	416
Diamantina Christensen Trading Inc.	1328	RDH Mining Equipment	437	Sweden, Geological Survey of	405
Di-Corp	426	Rite Idler	6530N	Tasmania, Mineral Resources (Australia Minerals)	315
Doppelmayr	1403	ROCK-TECH	1036	U.S. Geological Survey	1009
Dynamik	1000	SafeSight Exploration Inc.	6226N	Western Australia, Department of Mines, Industry Regulation and Safety (Australia Minerals)	418
Enduro Composites	6734N	Saskatchewan Trade and Export Partnership	6303N	Geophysical services & equipment	
Enersoft	6203N	SciAps, Inc.	7311N	Abitibi Geophysics Inc.	1329
Englo, Inc DBA Engart, Inc.	6928N	SEI Industries Ltd.	807		
Enterprise Holdings Ottawa	6824N	Sepro Mineral Systems Corp.	1224		
ERIEZ	1140	Shandong Xinhai Mining Technology & Equipment Inc.	7125N		
F.F.P. Systems Inc.	947	SHERP	7428N		
Fordia	322	Shijiazhuang ZhengRong Pump Co., Ltd.	7124N		
Foremost Industries LP	433				
FWS Group of Companies	7027N				

TRADE SHOW & TRADE SHOW NORTH

Exhibitors by Business Category

COMPANY	BOOTH	COMPANY	BOOTH	COMPANY	BOOTH
Advanced Geophysical Operations and Services Inc. (AGCOS)	1007	Phoenix Geophysics Limited	211	New Brunswick Department of Energy and Resource Development	136
Advanced Geosciences Inc.	526	Precision GeoSurveys Inc.	6822N	Newfoundland and Labrador: Explore the opportunities	149
Advanced Logic Technology ALT	1415	Quantec Geoscience	1323	Northern Ireland, Department for the Economy	907
Aerogeophysica Inc.	422	Radiation Solutions Inc.	808	Northwest Territories, Government of	1107
AeroGeophysical Surveys	516	RMS Instruments	208	Nova Scotia Department of Energy and Mines	145
Allegheny Instruments, Inc.	611	Robertson Geologging USA, Inc.	1210	Nunavut, Government of	1016
Bastler Turbo Conversions, LLC	122	Sander Geophysics	131	Ontario Ministry of Energy, Northern Development and Mines	637
CGG	203	Scintrex	1001	Peru	1423
China Chengdu JOUAV DAPENG Tech Co., Ltd.	6417N	Scott Hogg & Associates Ltd.	722	Québec, Gouvernement	222, 223
ClearView Geophysics Inc.	902	Semm Logging	1409	Red Lake, Municipality of	752
CRM GeoTomography Technologies, Inc.	6625N	Simcoe Geoscience Limited	616	Saskatchewan, Government of	531
Crone Geophysics & Exploration Ltd.	800	Sisprobe	6306N	South Africa, Department of Mineral Resources	1343
DataCloud	6235N	SkyTEM Canada Inc.	911	Sudbury, City of Greater	653
DGI Geoscience Inc.	842	SODERN	627	Thunder Bay, Mining in Northwestern Ontario	946
Dias Geophysical Limited	1228	Stockholm Precision Tools AB	6422N	Türkiye Pavilion, Ministry of Energy and Natural Resources	7115N
Discovery International Geophysics Inc.	1042	SurveyTECH Instruments & Services	953	Wabun Tribal Council	6410N
DMT Group	622	Terraquest Ltd.	114	Yukon, Government of	528
ElectroMagnetic Imaging Technology Pty Ltd.	847	Tundra Airborne Surveys Ltd.	1237		
EON Geosciences Inc.	312	Wireline Services Group	307	Health services	
Expert Geophysics Limited	843	Xcalibur Airborne Geophysics	450	Cigna	6207N
Gap - Discovery HeliSAM	7308N	Zonge International Inc.	1038	Methapharm Inc.	6406N
GEM Systems Advanced Magnetometers	802	Governments		Operation Eyesight	6325N
Geo Data Solutions Inc.	818	Alberta, Government of	6211N	PLS Insoles Inc.	1041
Geodevice LLC	1206	Argentina, Federal and Provincial governments	950	Sirius Wilderness Medicine Inc.	429
Geometrics	1242	Barbados	6219N		
Geonics Limited	811	BCMM Madagascar	6331N	Internet services	
Geophysics GPR International Inc.	1004	Canada, Government of	539	Northern Light Technologies	6435N
Geotech Ltd.	1209	Canadian Northern Economic Development Agency CanNor	646		
Geotechnologies	444	Chile, Trade Commission of	1349	Laboratories/laboratory supplies & analytical services	
Geovista Ltd.	1439	China, Ministry of Natural Resources	829	Activation Laboratories Ltd. (Actlabs)	123
GF Instruments	6108N	Egyptian Ministry of Petroleum and Mineral Resources (MOP)	7310N	AGAT Laboratories Ltd.	6508N
Groundradar Inc.	702	European Union	7009N	Agilent Technologies	1125
HiSeis Pty Ltd.	406	Fennoscandian Exploration and Mining (FEM)	340	ALS	125
IFG Corporation	310	Ghana, Minerals Commission of	1451	Amis	6525N
Initial Exploration Services Inc.	6929N	Greenland, Government of	417	Anachemia Science	816
Instrumentation GDD Inc.	706	India, Government of, Ministry of Mines	1241	Beckman Coulter	1040
International Directional Services	337	Ireland, Department of Communications, Climate Action & Environment	903	Blue Coast Research	1138
Intrepid Geophysics	305	Japan Oil, Gas and Metals National Corporation	1047	Bureau Veritas Commodities Canada Ltd.	400
Kroum VS Instruments Limited	514	Manitoba Pavilion	731	Corescan Pty Ltd.	309
Lake Central Air Services Inc.	508	Marine Transportation Services	7209N	ELEMISSION Inc.	6329N
Lamontagne Geophysics Ltd.	1103	Mining Finland	6310N	IMP Automation Canada Ltd.	525
LIM Logging	442	Ministry of Mining and Heavy Industry of Mongolia	6829N	Independent Laboratory Supplies Pty Ltd.	1145
Medusa Systems BV	446	Minnesota Department of Natural Resources	1043	Intertek	7205N
Minewise Technology	6523N	Moroccan National Office of Hydrocarbons and Mines (ONHYM)	126	Klen International	347
Mount Sopris Instrument	1417	National Mining Agency of Colombia	7001N	Met-Solve Laboratories Inc.	1222
MPX Geophysics Ltd.	805	Nevada	7017N	MS Analytical	1006
New-Resolution Geophysics	1108			NUCOMAT	1149
New-Sense Geophysics Limited	212			Ore Research and Exploration P/L	408
NOVATEM Inc.	602				
Nuvia Dynamics Inc.	1037				

COMPANY	BOOTH	COMPANY	BOOTH	COMPANY	BOOTH
Overburden Drilling Management Limited	910	Qmine Geo-Service Corp.	6624N	Globalstar Canada Satellite Co.	6308N
Qingdao Yosion Labtech Co., Ltd.	6204N	RCM Modular	606	Globalstar Canada Satellite Co.	6308N
Romquest Technologies	1012	ROCKMORE International Inc.	6516N	Infosat Communications LP	130
RPC	431	Russian Stone, The	509	ITC Global	6223N
Scott Technology Ltd.	7213N	Scott Steel Erectors Inc.	6334N	Network Innovations Inc.	109
Sepor, Inc.	1010	SNF Canada	6202N	Roadpost	343
SGS	102	Stuart Olson	247	Software companies	
Skyline Assayers & Laboratories	839	Summit Camps	6927N	acQuire Technology Solutions Pty Ltd.	823
Small Modular Reactors & Mining		The West Coast Fishing Club	345	Apt Information Systems	6926N
Systems for Research Corp.	6623N	Valaurum, Inc.	6205N	AssayNet Canada Inc.	711
TSL Laboratories Inc.	500	Varco Pruden Buildings (VP Buildings)	704	Boréal	443
XRF Scientific Americas Inc.	7105N	Veolia Water Technologies	236	Cegid	7228N
Law firms		VICTAULIC	301	Centric Mining Systems	1203
BLP Law Professional Corporation	951	Xpera Risk Mitigation and Investigation	353	Clemex Technologies Inc.	6127N
Other		Yukon Chamber of Mines	6522N	Complete Target	6228N
Aevitas Inc.	6828N	Publications		Datamine Software Canada	146
Alaska Structures	1315	Northern Miner Group, The	810	Deswik	6502N
Armtec	6518N	Remote sensing/mapping		Esri Canada	701
Axis Mining Technology Pty Ltd.	743	Agnav Inc.	1051	GEOREKA Software	7211N
Balsam Promotions	6622N	ASD Inc.	939	Geosoft Inc.	931
Becker Varis	6313N	Auracle Geospatial Science	913	Géotoc Inc.	124
Belt Conveyor Guarding	6528N	Effigis Geo Solutions Inc.	440	Geovariances	1330
Bio-Mine Ltd.	245	Geosense	607	GVMapper S.A.	7208N
Bruker	522	HySpex	7412N	Hexagon Mining	6208N
Canadian Council for Aboriginal Business	6415N	HyVista Corporation Pty Ltd.	6722N	Imago Inc.	6414N
Collection Arkane	7316N	Japosat Satellite Mapping	1204	InfoMine Inc.	314
Cyanco	6225N	LiDAR Services International Inc.	241	Koan Designs	6728N
Dundee Sustainable Technologies Inc.	1405	McElhanney Consulting Services Ltd.	625	Maptek	1039
dynaCERT Inc.	6925N	Pacific Geomatics Ltd.	614	MICROMINE	603
Dynamic Aviation Group Inc.	626	PhotoSat Information Ltd.	510	MineExcellence	6203N
ECO Technologies	1248	RME Geomatics	6411N	Minemax Inc.	7111N
Ensol Systems Inc.	6209N	Robotics Centre	7225N	Minerva Intelligence Inc.	601
Eutectic Canada Inc.	7416N	senseFly	1013	Mira Geoscience Ltd.	814
Grenville Minerals	331	Southern Mapping Company	341	Nomadis Inc.	112
Hayward Baker, Inc.	651	SpecTIR, LLC	1017	Promine	7207N
Hole Products Corporation	7328N	TerraCore	1449	RADEXPRO EUROPE OÜ	7210N
Horizon North Logistics Inc.	7422N	Research organizations		Sage	7331N
ICOM Canada	1441	All-Russian Scientific-Research Institution of Mineral Resources	6425N	Add above: Seequent (Leapfrog Software)	350
Innu Development Limited Partnership	944	COREM	709	ThreeDify Inc.	612
JR Language Translation Services Canada Inc.	7227N	CSIRO Mineral Resources Flagship	410	Trimble	243
Kitikmeot Cementation Mining & Development Ltd.	1117	Helmholtz Institute Freiberg for Resource Technology	6301N	Universities/colleges	
Langara Island Lodge	129	Industrial Info Resources	6300N	Laurentian University, Harquail School of Earth Sciences	1230
Legacy Building Solutions Canada	6524N	Kemetco Research Inc.	1052	Manitoba Geoscience Education	6111N
Marlew S.A.	6311N	MineHutte	7219N	Queen's University, Department of Geology	1046
Matawa First Nations	750	Mineral Exploration Cooperative Research Centre	311	St. Petersburg State Mining Institute	717
McCue Engineering Contractors	6431N	University of British Columbia	436	Université de Lorraine	1339
Mining and Process Solutions Pty Ltd	7418N	Satellite communications		University of Toronto	120
Nature's Canvas Inc.	6430N	Galaxy Broadband Communications Inc.	150	University of Waterloo, Department of Earth and Environmental Sciences	945
NCS Fuel	7026N				
Newterra Ltd.	1443				
Norseman Structures	111				
Northern Mat & Bridge	6419N				
Nuna Logistics Partnership	1115				
Nunavut Tunngavik Incorporated	1114				
Offtake Ltd.	6109N				

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EXHIBITOR SPOTLIGHT

Not sure where to begin on the exhibit floor? The following must-see interactive and experiential booths are sure to be the highlight of your visit.

Avjet Holding Inc.

📍 Trade Show, Booth 624

Avjet is contributing to a greener mining industry and a healthier environment by helping Canadian mines convert their equipment to biodegradable lubricants.

Complete MT Solutions

📍 Trade Show, Booth 210

Complete MT Solutions offers the full spectrum of services for electromagnetic imaging of the earth using the natural source magnetotelluric technique.

Continental Gold Inc.

📍 Investors Exchange, Booth 2107

Continental Gold has an advanced sustainability program for the Buriticá project to bolster local employment and business opportunities in construction, mining supply chains and initiatives in agriculture

DMC Mining Services

📍 Trade Show, Booth 604

DMC will feature its work with SBR technology and will share their approach when using new shaft sinking methodology as well as key learnings from the first ever completed project.

Minerva Intelligence Inc.

📍 Trade Show, Booth 601

Minerva Intelligence Inc. is an artificial intelligence (AI) company servicing the mining industry by combining human knowledge and machine intelligence. Minerva will be showcasing thousands of AI-generated exploration targets in the Yukon, state-of-the-art AR visualizations, a new mineral deposit classification system, and more.

Nordic Gold Inc.

📍 Investors Exchange, Booth 2207

Nordic Gold is Europe's newest gold producer. Nordic Gold Inc. (NOR is a TSX -V) listed, junior mining company with a 70,000 ounce per year, producing gold mine in Finland.



RNC Minerals

📍 Investors Exchange, Booth 2549

RNC Minerals will be displaying one of the richest gold veins ever discovered, yielding more than 25,000 ounces.

Tristar Gold Inc.

📍 Investors Exchange, Booth 2152

Tristar Gold's Castelo de Sonhos deposit can be viewed from 270 degrees in a floating perspective not available on a 2D screen. The 3D Holographic Pyramid Display is based on the old 'Pepper's ghost' illusion.

Vista Gold Corp.

📍 Investors Exchange, Booth 2235

Incorporating ore sorting and two-stage grinding with stirred media mills has allowed Vista to improve estimated gold recovery from 81.7% to over 90%.



FEATURE AREAS

Arcade

📍 North Building, Trade Show North, Booth 7700N

Come unwind with some classic arcade games in Trade Show North!

Kirwin Collection

📍 North Building, Trade Show North, Booth 7022N

The geology collection of the ROM has been a research and teaching resource for over 100 years. The recent acquisition of the Kirwin collection - 15,000 ore specimens from hundreds of deposits world wide - has significantly broadened its scope and utility; building the entire collection to more than 40,000 pieces. Students and professionals in industry will find the museum's collection to be an invaluable resource now and into the foreseeable future.

Lincoln Strategic presents: Mining a supercar

📍 South Building, Investors Exchange, Booth 2740

This interactive display will show how much copper, steel, nickel, palladium and even gold is used in the production of a vehicle. Come and see how vital mining is in the creation of one of the most progressive and eye catching battery metals sports cars on the road today.

Social Scene

📍 North Building, Trade Show North, Booth 7712N

Enjoy the Social Scene where you can take team pictures and selfies in front of the PDAC backdrop. Remember to post your pictures on social media with the hashtag #PDAC2019!



UnEarth International Women in Mining Exhibition

📍 North Building, Trade Show North, Booth 7720N

These inspirational photos and stories from the International Women in Mining Impact and Influence Photo Competition 2017 brought to you by De Beers Group of Companies illustrate women positively contributing to achieving an inclusive, thriving, safe and responsible mining industry.

The exhibition emphasizes the diversity of the mining industry by recognizing women from across the globe and the various roles they fill. From mining tin in dormant volcanoes to updating IT systems, and in occupations spanning electricians, engineers, draftswomen, and zoologists, each image tells a unique story of culture, experience, and impact. Despite all these differences, the photographs fit together to unearth common themes in the strength, passion, and determination of women in the industry.

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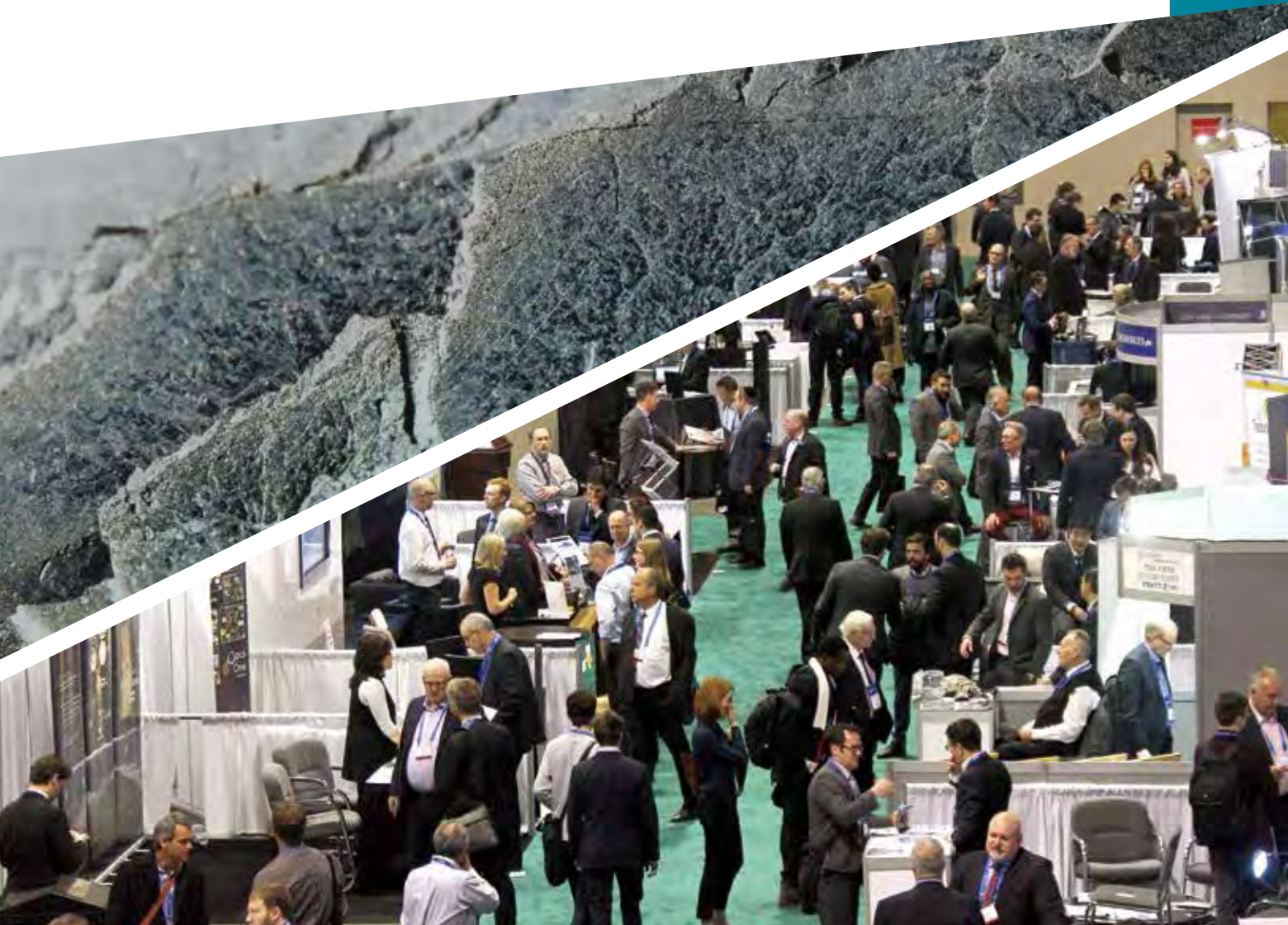


2019

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- ▶ Booth Assignments
- ▶ Core Shack
- ▶ Floor Plan
- ▶ Investors Exchange
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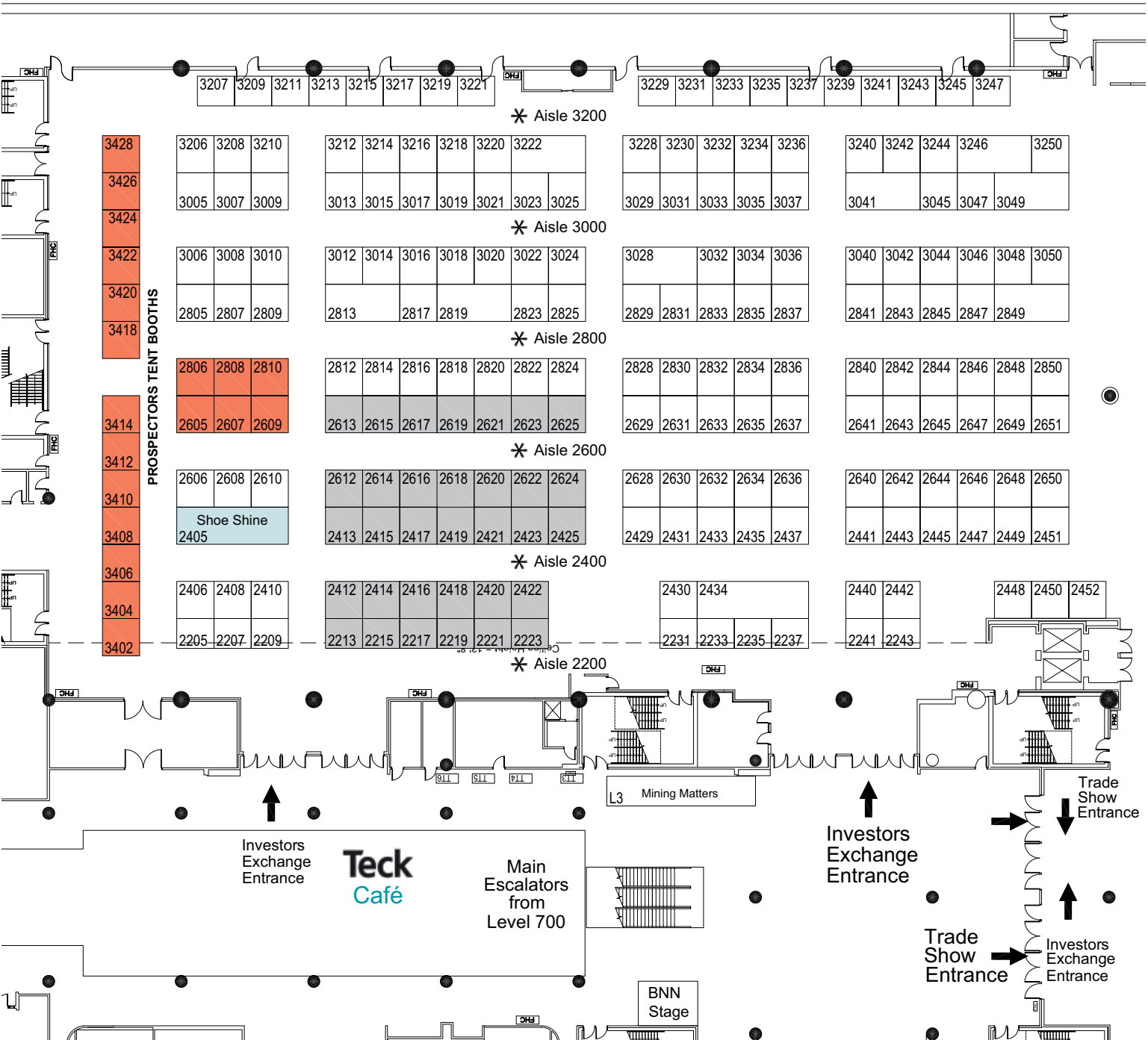
Aboriginal Affairs
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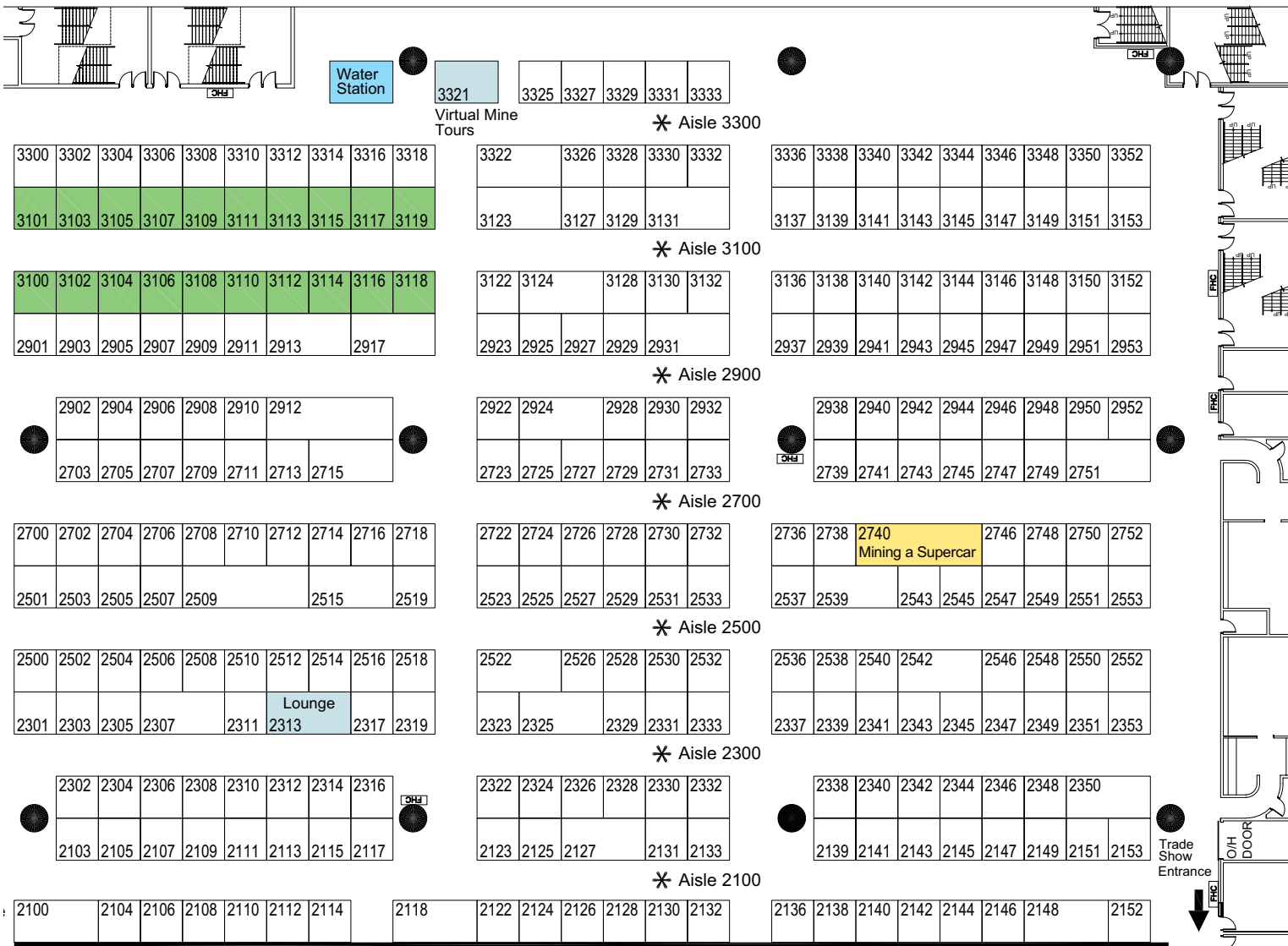
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Please note: Floorplan is subject to change



- Investors Exchange: Session A & Session B**
Booths Only

Prospectors Tent
4-Day Booths

Core Shack: Session A & Session B
Booths Only
- Services Onsite**

Feature Area

INVESTORS EXCHANGE

Booth Assignments

📍 South Building, Level 800

A

Abitibi Royalties Inc.

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Adamera Minerals Corp.

2750
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Advantage Lithium Corp.

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Alacer Gold Corp.

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Alexandria Minerals Corporation

2716
www.azx.ca

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Alicanto Mining Corp.

2950
www.alicantomining.com

Almaden Minerals Ltd.

2829
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Altamira Gold

3215
www.altamiragold.com

Altius Minerals Corp.

2435
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Alto Ventures Ltd.

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ALX Uranium Corp.

3014
www.alxuranium.com

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www.amarillogold.com

American Creek Resources Ltd.

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2616B
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Amerigo Resources Ltd.

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www.amerigoresources.com

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2906
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www.angloamerican.com

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3326
www.apxresources.com

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2103
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Artisanal Gold Council

3352
www.artisanalgold.org

Asante Gold Corporation

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Ascendant Resources Inc.

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2543
www.ascotgold.com

Ashanti Gold Corp.

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www.ashantigoldcorp.com

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2907
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AURYN Mining Corp.

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2421A
www.aurynresources.com

Avalon Advanced Materials Inc.

2303
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3140
www.avidiangold.com

Avino Silver & Gold Mines Ltd.

2445
www.avino.com

AVZ Minerals

2944
www.avzminerals.com.au

Awale Resources Ltd.

2708
www.awaleresources.com

Azimut Exploration Inc.

2433
www.azimut-exploration.com

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2614B
www.aztecminerals.com

Azumah Resources Limited

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B

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2419B
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C

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2909
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3147
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2711
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3143
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2634
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2132
www.conroygold.com

Consolidated Resources Suriname NV
2621B
www.crsmining.com

Constantine Metal Resources Ltd.
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www.constantinemetals.com

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Copper Fox Metals Inc.
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www.corvusgold.com

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Crown Mining Corporation
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www.crownminingcorp.com

D

Dark Horse Resources Ltd.
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www.darkhorseresources.com.au

Dateline Resources Limited
3245
www.datelineresources.com.au

Defiance Silver Corp.
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www.defiancesilver.com

Delrey Metals Corp.
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www.delreymetals.com

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2512, 2927
www.denisonmines.com

Desert Mountain Energy Corp.
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www.desertmountainenergy.com

Detour Gold Corporation
2231
www.detourgold.com

Diamcor Mining Inc.
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DIOS EXPLORATION INC.
2617B
www.diosexplo.com

Discovery Group
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www.discoverygroup.ca

Dundee Precious Metals Inc.
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Dynasty Gold Corp.
2832
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E

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2619B
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Eagle Plains Resources Ltd.

2319
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Earthmetrix Inc.

2932
www.earthmetrix.ca

eCobalt

3318
www.ecobalt.com

EDM-Empresa de Desenvolvimento Mineiro, SA

2136
www.edm.pt

Eldorado Gold Corporation

2732
www.eldoradogold.com

Ely Gold Royalties Inc.

3012
www.elygoldinc.com

EMX Royalty Corp.

2651
www.emxroyalty.com

Endeavour Silver Corp.

2219A
www.edrsilver.com

Energold Corp.

2516
www.energold.com

Energy Fuels Inc.

2452
www.energyfuels.com

Enforcer Gold Corp.

3136
www.enforcergold.com

Engineer Gold Mines Ltd

3232
www.engineergoldmines.com

Entrée Resources Ltd.

2712
www.entreeresourcesltd.com

EnviroLeach Technologies Inc.

3338
www.enviroleach.com

Erdene Resource Development Corp.

2112
www.erdene.com

Ero Copper Corp.

3222
www.erocopper.com

Evrin Resources Corp.

3040
www.evrinresources.com

Excelsior Mining Corp.

2809
www.excelsiormining.com

Exiro Minerals Corp.

2153
www.exirominerals.com

Explor Resources Inc.

2122
www.explorresources.com

F

Far Resources

2805
www.farresources.com

Fireweed Zinc Ltd.

2807
www.fireweedzinc.com

First Cobalt Corp.

3229
www.firstcobalt.com

First Majestic Silver Corp.

2501
www.firstmajestic.com

First Mining Gold Corp.

2729
www.firstmininggold.com

Fission Uranium Corp.

2641
www.fissionuranium.com

Five Star Diamond Limited

3230
www.fivestardiamonds.net

Focus Graphite Inc.

2726
www.focusgraphite.com

Fomicruz S.E.

3016
www.fomicruz.com

Foran Mining Corporation

2616A
www.foranmining.com

Fortune Minerals Limited

2837
www.fortuneminerals.com

Forum Energy Metals Corp.

2825
www.forumuranium.com

FPX Nickel Corp.

2425A
www.fpxnickel.com

Frontier Lithium Inc.

3236
www.frontierlithium.com

G

Galan Lithium Ltd

3209
www.galanlithium.com.au

Galway Metals Inc.

2623A
www.galwaymetalsinc.com

Gatling Exploration Inc.

2833
www.gatlingexploration.com

Genesis Metals Ltd.

3045
www.genesismetalscorp.com

Geomega Resources Inc.

2642
www.geomega.ca

GFG Resources Inc.

3130
www.gfgresources.com

GIGA Metals Corporation

3244
www.gigametals.com

Global Vanadium

2749
www.globalvanadium.com

Globe Trotters Resource Group Inc.

2949
www.globetrottersresourcesca.com

Globex Mining Enterprises Inc.

2718
www.globexmining.com

GMV Minerals Inc.

2338
www.gmvminerals.com

Go Cobalt Mining Corp.

2625B
www.gocobalt.ca

Gold Group Management Inc.

2108
www.goldgroup.com

Goldcorp Inc.

2313
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Golden Arrow Resources

2924
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Golden Minerals Company

2706
www.goldenminerals.com

Golden Predator Mining Corp.

2650
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Golden Ridge Resources Ltd.

2620B
www.goldenridgeresources.com

Golden Share Resources Corporation

2624A
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2305
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Goldgroup Mining Inc.

2552
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2526
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3131
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GoldQuest Mining Corp.

2844
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Goldsource Mines Inc.

2449
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Goldspot Discoveries Inc.

3006
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Gossan Resources Limited

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GoviEx Uranium Inc.
2146
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Gowest Gold Ltd.
2824
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2310
www.grancolombiagold.com

Greenpower Energy Limited
3207
www.greenpowerenergy.com.au

Greenstone Gold Mines
3350
www.greenstonegoldmines.com

Greg Exploration Inc.
2341
www.goldenretrievergroup.com

Grid Metals Corp.
3312
www.gridmetalscorp.com

Grizzly Discoveries Inc.
3020
www.grizzlydiscoveries.com

GT Gold Corp.
2323
www.gtgoldcorp.ca

H

Happy Creek Minerals Ltd.
2425B
www.happycreekminerals.com

Harfang Exploration Inc.
2929
www.harfangexploration.com

Harte Gold Corp.
2820
www.hartegold.com

Hecla Mining Company
2437
www.hecla-mining.com

High Power Exploration
2416A
www.hpxploration.com

Highland Copper Company Inc.
2138
www.highlandcopper.com

HPQ Silicon Resources
2145
www.hpqsilicon.com

Hudson Resources Inc.
2648
www.hudsonresources.ca

Hunt Mining Corp.
2823
www.huntmining.com

IAMGOLD Corporation
2522
www.iamgold.com

Idaho Champion Gold Mines Ltd.
3213
www.idahochamp.com

IDM Mining
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Impact Silver Corp.
2505
www.impactsilver.com

Inca One Gold Corp.
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www.incaone.com

Independence Gold Corp.
2741
www.ingold.ca

Integra Resources Corp.
2147
www.integrareources.com

International Millennium Mining Corp.
3128
www.immc.ca

INV Metals Inc.
2618A
www.invmetals.com

ioneer
2109
www.ioneer.com

IsoEnergy Ltd.
2421B
www.isoenergy.ca

Ivanhoe Mines Ltd.
2414A
www.ivanhoemines.com

J

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2430
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Jamaica Stock Exchange
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www.jamstockex.com

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www.klondikesilver.com

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www.kopygoldfields.com

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Lara Exploration Ltd.
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www.laurion.ca

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www.sprott.com

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www.stornowaydiamonds.com

Stratabound Minerals Corp.
3243
www.stratabound.com

Strategic Exploration Group
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www.strategicmetalsltd.com

Strongbow Exploration Inc.
2545
www.strongbowexploration.com

Stuhini Exploration Inc.
3344
www.stuhiniexploration.com

Sudbury Platinum Corp.
2128
www.sudburyplatinumcorp.com

Sumitomo Metal Mining Co., Ltd.
2751
www.smm.co.jp/E/

T

Talmora Diamond Inc.
2423B
www.talморadiamond.com

Talon Metals Corp.
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Teck Resources Limited
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www.teck.com

Telson Mining Corporation
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www.tethyan-resources.com

The Metallic Group of Companies
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www.metallicgroup.ca

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www.thunderstruck.ca

Timberline Resources Corporation
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www.timberline-resources.com

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Titan Mining Corp.
2221B
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TMAC Resources Inc.
2500
www.tmacresources.com

Toachi Mining Inc.
3017
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Toronto Stock Exchange
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www.tsx.com

Transition Metals Corp.
2126
www.transitionmetalscorp.com

Treasury Metals Inc.
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www.treasurymetals.com

Tres-Or Resources Ltd.
2233
www.tres-or.com

Trevali Mining Corporation
2118
www.trevali.com

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2110
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www.uex-corporation.com

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Wesdome Gold Mines
2412A
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West High Yield W.H.Y. Resources Ltd.
2923
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West Red Lake Gold Mines Inc.
3122
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2133
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Y

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SESSION A

Sunday March 3 10:00 am – 5:00 pm
Monday March 4 10:00 am – 5:00 pm

Aldebaran Resources Inc., **Altar Cu-Au-Mo project**, San Juan, San Juan Province, Argentina 3108A

Almaden Minerals Ltd., **Ixtaca Au-Ag project**, Ixtacamaxtitlán, Puebla, Mexico 3106A

Atalaya Riotinto Minera SL, **Touro copper project**, Santiago, Galicia, Spain 3101A

Barrick Gold Corporation, **Fourmile Goldrush Camp**, Nevada, USA, 3100A

Centerra Gold Inc., **Mount Milligan Au-Cu project**, Prince George, British Columbia, Canada 3115A

Chakana Copper Corp., **Soledad Cu, Au, Ag project**, Aija Ancash, Peru 3111A

DeepGreen, **Ni-Co-Cu-Mn seafloor poly-metallic nodule project**, Eastern Pacific Ocean, International Seabed Authority area 3110A

Far Resources Ltd., **Zoro lithium project**, Snow Lake, Manitoba, Canada 3105A

Garibaldi Resources Corp., **E&L Ni, Cu, Co project**, Smithers, British Columbia, Canada 3107A

Gold Resource Corporation, **Arista deposit El Aguila Au, Ag, Cu, Pb, Zn project**, San Jose de Gracia, Oaxaca, Mexico 3109A

Kintavar Exploration Inc., **Mitchi Cu-Ag property**, Mont Laurier, Quebec, Canada 3104A

Kutcho Copper Corp., **The Kucho Cu, Zn, Ag, Au project**, Dease Lake, British Columbia, Canada 3114A

Medgold Resources Corp., **Tlamino Au, Ag, Zn, Pb project**, Bosilegrad, Berba Pckinja, Serbia 3116A

Mexican Gold Corp., **Las Minas Au, Cu, Ag project**, Las Minas, Veracruz State, Mexico 3112A

Midas Gold Corp., **Stibnite Au-Ag-Sb project**, Valley County, Idaho, USA 3103A

Orla Mining Ltd., **Caballito copper-gold zone, Cerro Quema project**, Los Santos Province, Republic of Panama 3102A

Pasindex Resources Limited, **Spur zinc project**, Elko, Nevada, USA 3117A

SolGold, **Alpala Cu-Au project**, Quito, Ecuador 3119A

Teck Resources Limited, **San Nicolás Cu, Zn, Au, Ag VHMS deposit**, Zacatecas, Zacatecas State, Mexico 3118A

Xanadu Mines Ltd., **Kharmagtai Au-Cu project**, Omnogovi, Southern Gobi, Mongolia, 3113A

SESSION B

Tuesday March 5 10:00 am – 5:00 pm
Wednesday March 6 9:00 am – 12:00 pm

Adventus Zinc Corporation, **El Domo Cu-Au deposit, Curipamba project**, Las Naves, Bolivar & Los Rios Provinces, Ecuador 3114B

Anaconda Mining Inc., **Goldboro gold project**, Goldboro, Nova Scotia, Canada 3102B

Aurelius Minerals Inc., **Mikwam gold property**, Cochrane, Ontario, Canada 3113B

B2Gold Corp., **Fekola North Extension gold discovery**, Kéniéba, Kayes, Mali 3109B

Copper Mountain Mining Corp., **New Ingerbelle Cu, Au, Ag deposit**, Princeton, British Columbia, Canada 3116B

Corvus Gold Inc., **Mother Lode gold project**, Beatty, Nevada, USA 3103B

Eldorado Gold Corporation, **Bolcana Au-Cu project**, Deva, Transylvania, Romania 3115B

Foran Mining Corporation, **McIlvenna Bay Cu-Zn VMS deposit**, Flin Flon, Manitoba, Canada 3101B

Mawson Resources Limited, **The Rompas-Rajapalot Au-Co exploration project**, Rovaniemi, Lapland, Finland 3104B

Murchison Minerals Ltd., **Brabant-McKenzie Zn, Cu, Ag project**, Brabant Lake, Saskatchewan, Canada 3117B

North American Palladium Ltd., **Sunday Lake PGM, Cu, Ni project**, Thunder Bay, Ontario, Canada 3106B

Osisko Metals Incorporated, **Pine Point zinc project**, Hay River, Northwest Territories, Canada 3111B

Premier Gold Mines Ltd., **Mercedes Au-Ag mine**, Cucurpe, Sonora, Mexico 3105B

Sabina Gold & Silver Corp., **Back River gold project**, Kitikmeot Region, Nunavut, Canada 3119B

Skeena Resources Limited, **Snip and Eskay Creek Au-Ag projects**, Golden Triangle, British Columbia, Canada 3112B

Stratabound Minerals Corp., **The Golden Culvert gold project**, Watson Lake District, Yukon, Canada 3118B

Sun Metals Corp., **Stardust Cu, Au, Ag, Zn project**, Fort St. James, British Columbia, Canada 3110B

Teranga Gold Corporation, **Golden Hill gold project**, Houde, Burkina Faso, Africa 3108B

Wesdome Gold Mines Ltd., **Kiena Deep gold complex**, Val-d'Or, Quebec, Canada 3107B

Wolfden Resources Corporation, **Pickett Mountain Zn, Pb, Cu, Ag, Au deposit**, Patten, Maine, USA 3100B



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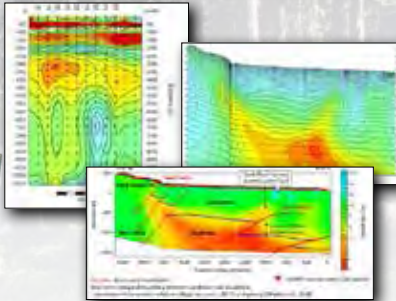
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