



Association of Mineral Exploration (AME) is the lead association for the mineral exploration and development industry based in British Columbia. Established in 1912, AME represents, advocates and promotes the interests of almost 5,000 members who are engaged in mineral exploration and development in BC and globally. AME encourages a safe, economically strong and environmentally responsible industry by providing clear initiatives, policies, events and tools to support its membership in delivering responsible projects that advance reconciliation and provide benefit to all British Columbians.

Roundup 2019 takes place on the unceded territories of the Coast Salish people, including the lands of the x̣ẉməθḳẉəỵəm (Musqueam), Skwxwú7mesh (Squamish) and sə́ḷílwətaʔṭ /Selilwitulh (Tsleil-Waututh) Nations.

[www.amebc.ca](http://www.amebc.ca)

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**THE NORTHERN MINER**

GLOBAL MINING NEWS · SINCE 1915

# Pre-Conference Events

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## SHORT COURSES

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SATURDAY, JANUARY 26 – SUNDAY, JANUARY 27

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### **Ancient and Modern Volcanic-Hosted Massive Sulfide (VHMS) Deposits**

Presented by: J. Bruce Gemmell, Gemmell Geoscience

### **Capital Markets For Geologists**

Presented by: Dale Mah, Neil Adshead, Joe Mazumdar, Dr. Nicole Adshead-Bell, Olav Langealar, and Michael Gray

### **Carlin Gold and Other Sediment-Hosted Ore Deposits**

Presented by: Society of Economic Geologists (SEG)

### **Discovery of Deposits Through Transported and Weathered Cover**

Presented by: Mineral Deposit Research Unit (MDRU)  
University of British Columbia

### **Fundamentals of Mineral Resource Estimation**

Presented by: Roscoe Postle Associates (RPA)

### **Student Guide to a Career in Exploration**

Presented by: Andy Randell and SGDS Hive

Sponsored by:



# Programs and Events

## SUNDAY, JANUARY 27

8:30 AM – 4:30 PM

Short Courses  
(Saturday & Sunday)

10:00 AM – 2:00 PM

Discovery Day

4:30 PM – 6:00 PM

Ice Breaker Reception

6:00 PM – 9:00 PM

Student-Industry  
Networking Event

7:00 PM – 9:30 PM

Chair's Welcome Dinner  
(Invitation)

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## DISCOVERY DAY

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**Date:** Sunday, January 27

**Time:** 10:00 AM - 2:00 PM

**Location:** East Ballroom A

**All are welcome!**

Sponsored by:



Everyone is invited to attend Discovery Day. Explore and enjoy the interactive, innovative and educational displays. See what it's like to be a geologist for a day with our mock-up exploration camp, then learn how to turn a pile of dirt into a pile of gold with Yukon Dan. You can take a look and feel of the collection of incredible minerals, rocks and fossils, before learning how earthquakes are measured with a seismometer. Finish the day by enjoying a virtual reality experience and flying like a bird around an exploration site.

Fun for the entire family, come down to this **FREE EVENT** and learn about the importance of minerals and metals in our everyday lives.

**Presenters include:**

- Below BC
- Britannia Mine Museum
- Equity Exploration
- Geological Survey of Canada
- Moon Patrol VR
- Women in Mining BC
- Yukon Dan

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## ICE BREAKER RECEPTION

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**Time:** 4:30 PM – 6:00 PM  
**Location:** East Ballroom A  
**Open to all full delegates**

Sponsored by:



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## STUDENT INDUSTRY NETWORKING EVENT

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**Time:** 6:00 PM – 9:00 PM  
**Location:** East Meeting Room 1/2/3 Foyer  
**RSVP'd guests only**

**Opening Remarks:** Hon. George Heyman, Minister of Environment and Climate Change Strategy and MLA, Vancouver-Fairview; Kendra Johnston, President, Independence Gold Corp.

Sponsored by:

**Teck**

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## CHAIR'S WELCOME DINNER

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**Time:** 7:00 PM – 9:30 PM  
**By invitation only**

Sponsored by: **Deloitte.**



# General Conference Information

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## REGISTRATION HOURS

Sunday 7:00 AM – 7:00 PM

Monday 7:00 AM – 7:00 PM

Tuesday 7:00 AM – 7:00 PM

Wednesday 7:00 AM – 7:00 PM

Thursday 7:00 AM – 1:00 PM

Always have your badge visible.

The badge reprint fee is \$80.00 + tax.

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## EXHIBIT HALL

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**Open Daily:** Monday through Thursday

**Time:** 9:00 AM – 4:00 PM (2:30 PM on Thursday)

**Location:** East Exhibit Hall

**Including:**

- Core Shack
  - The Gathering Place (Tuesday & Wednesday)
  - Innovation Hub
  - Poster Session (Monday Only)
  - Project Generators Hub
  - Prospectors' Tent
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## MEDIA CONTACT

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Sponsored by: **THE NORTHERN MINER**

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For further information, contact Tracey Sexton at 604.630.3919 or [tsexton@amebc.ca](mailto:tsexton@amebc.ca).

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## PSA TESTING

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**Date:** Tuesday, January 29 and Wednesday, January 30

**Time:** 9:00 AM – 2:00 PM

**Location:** East Meeting Room 13

Sponsored by: **Teck**

Have you booked your Prostate-Specific Antigen (PSA) Testing? In partnership with Teck Resources Limited, we are pleased to welcome LifeLabs to provide screening to attendees.

Testing will be by appointment only. Appointments can be booked at the Prostate Cancer Foundation BC Table in the concourse. Requisition forms will be available.

*Delegates must provide family physician contact information in order to participate and complete the requisition form.*

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## MineralsEd PROGRAM

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**Location:** East Meeting Room 19/20

**Monday:** Secondary Student Career Exploration Day

**Tuesday:** Teachers' Day at Roundup (Professional Development)

**Wednesday:** Elementary Roundup Rockhounds

Sponsored by:

**Teck**

MineralsEd is dedicated to encouraging and supporting teachers teaching and students learning about Earth science, mineral resources and mining in school. They provide workshops, teaching material, field trips, guests speakers, industry conference programs and other events to help build a well-informed society that better understands our modern mineral industry and all it provides.

# Core Shack

**Date:** Monday, January 28 – Thursday, January 31

**Time:** 9:00 AM – 4:00 PM (2:30 PM on Thursday)

**Location:** East Exhibit Hall

Sponsored by:



The Core Shack showcases new discoveries, leading prospects, advanced projects and operating mines from around the world. Core Shack 2019 will feature drill core samples from projects in diverse countries and settings, and represent a broad array of deposit types and project stages.

## MONDAY – TUESDAY

Company Name	Project	Commodity	Location
Aldebaran Resources Inc.	Altar	Cu, Au, Ag, Mo	Argentina
Ascot Resources	Premier/ Dilworth	Au, Ag	BC
Aurelius Minerals Inc.	Mikwam	Au	ON
B2Gold Corp	Fekola North Extension	Au	Burkina Faso/ Mali
CANEX Metals	Gibson	Au, Ag, Zn, Pb	BC
Chakana Copper Corporation	Soledad	Cu, Au, Ag	Peru
Coeur Mining Inc.	Silvertip and Sterling Mines	Ag, Pb, Zn, Au	BC/NV, USA
Forum Energy Metals Corp.	Janice Lake Sedimentary Copper	Cu, Ag	SK
Gold Standard Ventures	Railroad, Pinion	Au	NV, USA
Group Ten Metals	Stillwater West	Pt, Pd, Ni, Cu, Co	MT, USA
Integra Resources Corp.	DeLamar	Ag, Au	ID, USA

# Core Shack

## MONDAY – TUESDAY

Company Name	Project	Commodity	Location
K92 Mining Inc.	Kora Northern Extension	Au, Ag, Cu	Papua New Guinea
Mawson Resources Limited	Rajapalot-Rompas	Au, Co	Finland
Midas Gold Corp	Stibnite Gold	Au, Ag, Sb	ID, USA
Minaurum Gold Inc	Alamos Silver	Ag, Cu, Pb, Zn	Mexico
Moneta Porcupine Mines	Golden Highway	Au	ON
Orezone Gold Corporation	Bomboré	Au	Burkina Faso
Rock Tech Lithium Inc.	Georgia Lake	Li	ON
Sabina Gold and Silver Corp.	Back River Gold	Au	NU
Sable Resources Ltd.	Margarita	Au, Ag	Mexico
Serengeti Resources/ Kwanika Copper Corp.	Kwanika	Cu, Au	BC
Silvercrest Metals Inc.	Las Chispas	Ag, Au	Mexico
SolGold	Cascabel	Cu, Au	Ecuador
Sphinx Resources Ltd.	Calumet-Sud	Zn	QC
Tinka Resources Limited	Ayawilca Zinc	Zn, Sn, Ag	Peru
Trevali Mining	Perkoa Extension	Zn	Burkina Faso
White Gold Corp	Golden Saddle/Vertigo	Au	YT
Xanadu Mines	Kharmagtai	Cu, Au	Mongolia

# Core Shack

## WEDNESDAY – THURSDAY

Company Name	Project	Commodity	Location
Adventus Zinc Corporation	Curipamba	Cu, Zn, Ag	Ecuador
Bluestone Resources Inc.	Cerro Blanco	Au	Guatemala
First Mining Gold Corp.	Gold Lund	Au	ON
Great Bear Resources	Dixie & West Madsen	Au	ON
GT Gold Corp.	Saddle North Porphyry Discovery	Au, Cu, Ag	BC
Jaxon Mining Inc.	Red Springs at Hazelton	Au, Cu, Co, Sb, Ag	BC
Kintavar Exploration Inc.	Mitchi	Cu, Ag	QC
Kutcho Copper Corp.	Kutcho	Cu, Zn, Ag, Au	BC
Liberty Gold Corp.	Black Pine	Au	ID, USA
Marathon Gold Corporation	Valentine Lake Gold Camp	Au	NL
Nighthawk Gold Corp.	Indin Lake Gold	Au	NT
North Arrow Minerals	Naujaat and Mel Diamond	Diamonds	NU
NuLegacy Gold Corporation	Red Hill	Au	NV, USA
Osisko Mining Corp.	Windfall Lake - Triple 8	Au	QC/ON
PolarX Limited	Zackly	Cu, Au	AK, USA
Regulus Resources Inc.	AntaKori	Cu, Au, Ag	Peru
Skeena Resources Limited	Snip & Eskay Creek	Au, Ag	BC
Sun Metals Corp.	Stardust	Cu, Au, Ag, Zn	BC

# Core Shack

## WEDNESDAY – THURSDAY

Company Name	Project	Commodity	Location
Triumph Gold Corp.	Blue Sky Porphyry	Cu, Au, Ag, Mo	YT
Wesdome Gold Mines Ltd	Kiena Deep	Au	QC
Westhaven Venutres Inc.	Shovelnose	Au, Ag	BC

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

# Prospectors' Tent

**Date:** Monday, January 28 – Thursday, January 31

**Time:** 9:00 AM – 4:00 PM (2:30 PM on Thursday)

**Location:** East Exhibit Hall

The Prospectors' Tent provides an opportunity for independent prospectors to present their hard-earned mineral properties and discoveries. Featuring displays of maps, rock samples, drill core, sketches, photographs and analyses, it is a great place to see properties with potential throughout BC, the Yukon, and beyond, and perhaps to make some discoveries of your own.

## MONDAY

Prospector	Prospect Name	Commodity	Location
Diana Benz	Proof	Au	Fraser Lake, BC
Geoff Head	Blackfly	Au, Ag	Kamloops, BC
	320	Cu, +/- Au, Ag	Kamloops, BC
	Skimikin	Au, Ag	Kamloops, BC

# Prospectors' Tent

## MONDAY

Prospector	Prospect Name	Commodity	Location
Dave Javorsky	Bear Cat Beryl	Beryl	Cranbrook, BC
	Ophenhimer	Chrome	Cache Creek, BC
	Reed Copper	Cu	Dease Lake, BC
David Johnson	Eldorado Creek	Au	Dawson City, YT
	The Forbes and Emerick	Cu, Ni, Zn, Pt, Pd	Delta Junction, AK
Gary Lee	Beavis-Marilyn	Au	Atlin Lake, BC
	Wildcat	Zn, Pb, Ag, Cu, Au	YT
Dustin Perry	Ecstall	Cu, Au, Ag, Zn, Pb	Kitimat, BC
	Swannell	Zn, Pb, Ag, Au	Ingenika Mine, BC

## TUESDAY

Prospector	Prospect Name	Commodity	Location
Grant Allan	Browns Creek	Placer Gold	Fortymile River Watershed, YT
	Mickey Creek	Placer Gold	Fortymile River Watershed, YT
	Tally Prospect	Placer Gold	Fortymile River, YT
Ryan Bachynski	Raw Geef	Ag, Mo, Bi	YT

# Prospectors' Tent

## TUESDAY

Prospector	Prospect Name	Commodity	Location
Jacques Beaudoin	Vancouver Island Gold	Au, Cu	Port Alberni, BC
	Douglas Gold	Au, Cu, Ag	Port Alberni, BC
	Lucky Boy Gold Placer	Placer Gold	Port Alberni, BC
Alex Burton	Kshish	Mo	Terrace, BC
	Virginia	Au, Ag	Arizona, USA
Connor Malek	Hailstone Property	Au, Cu, Zn	Northern Saskatchewan
Justin Modroo	Gold Zone	Au, Ag	Idaho, USA
	Faith	Au, Ag	Idaho, USA
	Blue Ribbon Gold	Au, Ag	Idaho, USA

## WEDNESDAY – THURSDAY

Prospector	Prospect Name	Commodity	Location
Ron J Bilquist	Klaskino	Cu, Mo, Au, Re	Northern Vancouver Island, BC
	Chuchi	Cu, Au	Northwest of Mt Milligan, BC
	Orp	Au, As, Sb	Northern Vancouver Island, BC
Ken Galambos	Trio Mt.	Cu, Au	Central Vancouver Island, BC
	Babs	Cu, Au, Mo	Babine Lake, BC
	Vanhall	Cu, Au, Ag, Co	Central Vancouver Island, BC



# Prospectors' Tent

## WEDNESDAY – THURSDAY

Prospector	Prospect Name	Commodity	Location
David Piggin	Spapilem	Au Bi, W	Kamloops, BC
	Camgloria	Au, Ag, Bi, Pb, Cu, Zn	Kamloops, BC
	West Afton	Au, Cu	Kamloops, BC
William Taylor	Perk-Rocky	Cu, Au	Tatla Lake, BC
	CKN	Au, Cu, Zn	Mcleese Lake, BC
Adam Travis	Lisa	Au, Cu, Ag, Pb, Zn	Northwestern BC
	Keystone	Au, Ag, Pb, Zn, Mo	Central BC
Perry MacKinnon, Kenneth Mallett, John Wightman	Various	Au, Co, Ni, Cu, Bi, Sb	NS

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# Project Generators Hub

**Date:** Monday, January 28 – Thursday, January 31

**Time:** 9:00 AM – 4:00 PM (2:30 PM on Thursday)

**Location:** East Exhibit Hall

Sponsored by:



## Monday Presenters

Ely Gold Royalties Inc.

EMX Royalty Corp.

Evrin Resources Corp.

Midland Exploration

Millrock Resources Inc.

Strategic Metals Ltd.

Transition Metals Corp.

## Tuesday Presenters

Almadex Minerals Ltd.

Altius Minerals Corporation

Carube Copper Corp.

GlobeTrotters Resource Group Inc.

Mirasol Resources Ltd.

Renaissance Gold Inc.

Strategic Metals Ltd.

## Wednesday/Thursday Presenters

Alianza Minerals Ltd.

Eagle Plains Resources

Genesis Gold Corp.

Pacific Empire Minerals Corp.

Riverside Resources Inc.

Silver Range Resources Ltd.

Strategic Metals Ltd.

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

# Innovation Hub

**Date:** Monday, January 28 – Thursday, January 31

**Time:** 9:00 AM – 4:00 PM (2:30 PM on Thursday)

**Location:** East Exhibit Hall

Sponsored by:



Participating Sponsor:



WIFI Sponsor: Bradshaw Research Initiative for Minerals & Mining – University of British Columbia (BRIMM – UBC)

## Presenters Include

BRIMM – UBC

Finger Food

Global UAV Technologies Ltd.

LlamaZOO Interactive

Minerva Intelligence Inc

Moon Patrol VR

VRify Technology Inc.

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

# Exhibitors

**Date:** Monday, January 28 – Thursday, January 31

**Time:** 9:00 AM – 4:00 PM (2:30 PM on Thursday)

**Location:** East Exhibit Hall

Company Name	Booth	Days
62 Degrees North Inc	1226	
Abitibi Geophysics Inc	608	
Activation Laboratories Ltd. (Actlabs)	801	
AGAT Laboratories	520	
Agilent Technologies	305	
Agnico Eagle	1010	
AIL Mining	426	
Alaska Structures, Inc.	211	
Alberta Energy/Alberta Geological Survey	219	
Almaden Minerals Ltd.	104	
ALS Global	809/811/ 908/910	
ALX Exploration & Mining Supplies	225	Wed- Thurs
ALX Uranium	1208	
AMC Mining Consultants	1516	
Anachemia Science a VWR Company	620	
Analytical Solutions Ltd.	1120	
APEX Geoscience Ltd.	1626	Mon-Tues
Association for Mineral Exploration	1117/1119/ 1216/1218	
Aston Bay Holdings Ltd	421	
Atlas Drilling Ltd.	304	
Auracle Geospatial Science Inc.	318	
Aurora Geosciences Ltd.	1209	

# Exhibitors

Company Name	Booth	Days
Auryn Resources	105	
AuTec Innovative Extractive Solutions	1527	Mon-Tues
Avidian Gold Corp	727	Wed-Thurs
AWC Process Solutions Ltd	505	
BC Ministry of Energy, Mines and Petroleum Resources	617/619/ 716/718	
BC Securities Commission	222	Mon-Tues
BC Treaty Commission	321	
BCIT - Mineral Exploration and Mining	704	
Big Ice Services	220	
BigSteelBox Structures	606	
Blind Creek Resources Ltd. / Engineer Gold Mines Ltd.	926	Wed-Thurs
Blue Coast Research	402	
BMC Minerals	1026	Wed-Thurs
Boart Longyear	410	
Boreal Metals Corp.	1222	
Bureau Veritas Minerals	1311	
Camfil Farr APC / Envirotech Air	1004	
Canada Revenue Agency	807	
Canadian Helicopters Limited	904	
Canadian Zinc Corporation	224	Mon-Tues
CanNor	1206	
Canyon Equipment	202	
Caron Business Solutions Inc.	403	
CDN Resource Laboratories Ltd.	621	

# Exhibitors

Company Name	Booth	Days
CGG	907/909	
Challenger Geomatics Ltd.	1419	
Chief Isaac Group of Companies/Selkirk First Nations Development Corporation	95	
Chrono Aviation	1525	Mon-Tues
CIM (Canadian Institute Of Mining, Metallurgy and Petroleum)	326	Mon-Tues
Coast Mountain Geological Ltd.	405	
Condor North Consulting ULC	1520	
Constantine Metal Resources Ltd.	1417	
Corescan	1118	
Corporate Traveller	526	
Crone Geophysics & Exploration Ltd.	1007	
Crown-Indigenous Relations and Northern Affairs Canada	1420	
CWA Engineers Inc.	302	
DataBC	127	Mon-Tues
Datamine	1006	
Deakin Industries	1111/1210	
DEL Communications Inc.	1406	
DGI Geoscience Inc	1123	
Dias Geophysical	1519	
Di-Corp	901/903	
Discovery Group	1017	
Discovery International Geophysics/Gap-Discovery HeliSAM	1106/1005	

# Exhibitors

Company Name	Booth	Days
Drillwell Enterprises	222	Wed-Thurs
DRIVING FORCE Vehicle Rentals, Sales and Leasing	1624	Mon-Tues
Eagle Mapping Ltd.	310	
Eastfield Resources Ltd.	805	
Ecofish Research Ltd.	1205	
Elemental Controls Limited	1421	
EMX Royalty Corp.	1220	
Energold Drilling Corp.	224	Wed-Thurs
Engineers and Geoscientists BC	1425	Mon-Tues
Equity Exploration Consultants Ltd	324	Wed-Thurs
ERM	803	
Evrin Resources Corp.	1427	Mon-Tues
Expert Geophysics Limited	423	
Extreme Products Inc/Talik Industrial Inc	1108/1110	
Fladgate Exploration Consulting Corporation	1121	
FORACO	404	
Fordia Group Inc	1103/1105	
Foremost Industries	303	
Foundex Explorations Ltd.	401	
FrontCounter BC	521	
Frontier Geosciences Inc.	1402	
Frontier Power Products Ltd.	417	
Galaxy Broadband Communications Inc.	623	
Geoanalytical Laboratories - SRC	610	

# Exhibitors

Company Name	Booth	Days
Geometrics	323	
Geoscience BC	217	
Geosoft	225	Mon-Tues
Geotech Drilling Service Ltd.	1217/1219	
Geotech Ltd.	1019/1021	
Geotic Inc.	108	
Globalstar Canada Satellite Co.	111	
Golder	408	
Government of Greenland	516/518	
Government of Nunavut	1317	
Government of Saskatchewan	602	
Government of the Northwest Territories/Northwest Territories Geological Survey	1323/1325/ 1327/1422/ 1424	
Government of Yukon	87/89/91/93/ 116/118/120	
Great Slave Helicopters Ltd. & Air Tindi Ltd.	624	
GroundTruth Exploration	600	
Hardrock Diamond Drilling Ltd.	309	
Hatfield Consultants	322	Mon-Tues
Hecla Mining Company	117	
Helicopter Transport Services (Canada) Inc.	627	
High Power Exploration (HPX)	306	
Honeywell Footwear	221	
Hunter Dickinson Inc	101	
Hydracore Drills	1301/1400	
Hy-Tech Drilling Ltd.	517/519/ 616/618	



# Exhibitors

Company Name	Booth	Days
ICOM Canada	1626	Wed-Thurs
Index Limited	1102	
Imperial Metals Corporation	611	
Independence Gold Corp.	1008	
Independent Laboratory Supplies Americas Ltd.	307	
Indigenous Business and Investment Council	81	
INFOSAT Communications LP	501/503	
Instrumentation GDD Inc.	710	
Integrated Sustainability	1524	Mon-Tues
International Directional Services	327	
IRL Supplies Ltd.	1316/1318	
Kemetco Research	826	Wed-Thurs
Kenn Borek Air Ltd	322	Wed-Thurs
Knight Piesold Ltd	227	Mon-Tues
LandSea	1622	Mon-Tues
Laurentian University	524	
Lorax Environmental Services Ltd.	702	
Macon Industries Inc	1000	
Major Drilling	1002	
Malvern Panalytical	205	
Manning Elliott LLP, Accountants & Business Advisors	626	
Maptek	1522	Mon-Tues
Margaux Resources Ltd.	1224	
Matrix Camps, Logistics & Aviation Management	1306	

# Exhibitors

Company Name	Booth	Days
Maxwell GeoServices (Canada) Inc.	1107	
Maxxam Analytics	1410	
MBI Drilling Products Inc.	1423	Mon-Tues
McCue Engineering Contractors	320	
McDowell B. Equipment	324	Mon-Tues
McElhanney Consulting Services Ltd.	102	
MDRU - Mineral Deposit Research Unit, UBC	1011	
Mexican Gold Corp	700	
Midas Gold Corp.	1026	Mon-Tues
Minerva Intelligence Inc.	500	
Mining Industry Human Resources Council (MiHR)	1404	
Mining Industry NL	411/510	
Mining Intelligence	319	
Mira Geoscience Ltd.	416	
MMD Mineral Sizing (Canada) Inc.	724	
MSALABS	504	
Mud Bay Drilling (2015) Ltd.	609	
Multi-Power Products Ltd.	418/420	
National Compressed Air Canada Ltd.	1310	
Natural Resources Canada	900/902	
Network Innovations	703	
New Brunswick Department of Energy and Resource Development	1300/1302/ 1304	
Newfoundland and Labrador Department of Natural Resources	407/409/506/ 508	

# Exhibitors

Company Name	Booth	Days
New-Sense Geophysics Ltd.	1109	
Nickel Creek Platinum Corp.	926	Mon-Tues
Nolinor Aviation	604	
North Arrow Minerals Inc.	827	Mon-Tues
Northspan Explorations Ltd.	201	
Northwest Territories Regions	1223/1225/ 1227/1322/ 1324/1326	
NORTHWEST TRUCK RENTALS Ltd.	210	
Northwestel Inc.	507	
Nova Scotia Department of Energy and Mines	300	
Nunavut Tunngavik Incorporated	1416	
NWT & Nunavut Chamber Of Mines	1426	
Omega Drilling	103	
OrbitGarant Drilling	720	
Orix Geoscience Inc.	1408	
Overburden Drilling Management Limited	622	
Pacific Bit of Canada Inc.	1309	
Pacific Geomatics Ltd.	1203	
Peter E. Walcott & Associates Limited	317	
PhotoSat	905	
Pilot Diamond Tools	1418	
Placer Gold Design	906	
Pothier Enterprises Ltd.	701	
Precision GeoSurveys Inc.	502	
Precision Service & Pumps Inc.	121	
Procon Mining & Tunnelling Ltd.	1204	

# Exhibitors

Company Name	Booth	Days
Prolenc Manufacturing Inc	311	
Prospectors & Developers Association of Canada (PDAC)	1001	
Province of BC, Mining Compliance and Enforcement	523	
Quantec Geoscience	427	
Radius Drilling Corp.	1003	
Raven Rescue Ltd.	1124	
Raymac Environmental Services Inc.	123	Mon-Tues
Remote Helicopters Ltd	406	
Roadpost	1523	Mon-Tues
Robertson Mfg Ltd	425	
S&P Global Market Intelligence	110	
Sabina Gold & Silver Corp.	127	Wed-Thurs
Sander Geophysics	1305	
Saskatchewan Trade & Export Partnership	605	
SCS Diamond Drilling	325	
SGDS Hive	1620	
Secure-Rite Structures	1127	
Seequent	1025	
Selwyn Chihong Mining Ltd.	203	
SGS	216/218	
SIMS Group	125	Mon-Tues
SJ Geophysics Ltd.	800/802	
Skeena Resources Limited	826	Mon-Tues
Skyline Assayers & Laboratories	708	
SkyTEM Canada Inc.	1411	
SLR Consulting (Canada) Ltd.	1308	

# Exhibitors

Company Name	Booth	Days
Small's Expediting Ltd.	119	
SNC-Lavalin Inc.	208	
Society of Economic Geologists Inc. (SEG)	316	
SolGold Plc	109	
Spatial Technologies 2017	1517	
Spectral Evolution	1027	
SRK Consulting (Canada) Inc.	1211	
Stantec Consulting Ltd.	1125	
State of Alaska	607	
Stewart World Port	419	
SUMMIT AVIATION GROUP	509/511	
Summit Camps	125	Wed-Thurs
Superior Propane	223	Mon-Tues
SurveyTECH Instruments & Services	1319/1321	
Team Drilling LP	527	
TECH Directional Services	1320	
Teck Resources Limited	707/709/711/ 806/808/810	
Terra Remote Sensing Inc	827	Wed-Thurs
Terrace Business Resource Centre	226	Wed-Thurs
TerraCore	722	
Terralogic Exploration/Eagle Plains Resources	603	
Terraplus Inc.	1100	
Terraquest Ltd.	1116	
Tetra Tech	107	
Thane Minerals Inc.	911	

# Exhibitors

Company Name	Booth	Days
The Northern Miner	601	
The Valard Group of Companies	1526	Mon-Tues
Tintina Air	522	
Trans North Helicopters	727	Mon-Tues
TSL Laboratories	308	
Tufport Industries Ltd.	400	
Tundra Sales Inc.	301	
Veolia Water Technologies Canada Inc.	927	Mon-Tues
Weatherhaven	200	
Wood	1202	
Xpera Risk Mitigation	106	
Xplornet Commercial Services	1104	
YCM	122	
Yukon College Centre for Northern Innovation in Mining	226	Mon-Tues
Yukon Dan	1401/1403	
Yukon First Nation Chamber of Commerce/Tu-Lidlini Petroleum	97	
Zimtu Capital Corp.	726	
Zonge International Inc.	1023	

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

# Monday at a Glance

## PROGRAMS & EVENTS

8:45 AM – 10:00 AM

Opening Ceremony

9:00 AM – 4:00 PM

Poster Session

10:20 AM – 12:00 PM

Technical Session:  
Regional Overviews

12:00 PM – 1:15 PM

AME Lunch

1:00 PM – 3:00 PM

Speaker Spotlight

1:15 PM – 4:00 PM

Technical Session:  
New Geoscience

1:45 PM – 4:00 PM

Government-Industry  
Forum

2:00 PM – 4:00 PM

Hockey Challenge

4:00 PM – 5:00 PM

Exhibit Hall Happy Hour

4:00 PM – 6:00 PM

Poster Session Authors &  
Student Presentations

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# Opening Ceremony

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Time: 8:45 AM – 10:00 AM

Location: East Ballroom AB

Sponsored by:



The Opening Ceremony sets the stage for Roundup 2019. A welcome from Chief Ian Campbell will kick off the event. Leaders from AME and industry, and dignitaries from governments and indigenous communities will provide comments to attendees from all over the world.

## Featuring:

Chief Ian Campbell | Hereditary Chief | Squamish Nation  
Hon. John Horgan | Premier of BC and MLA, Langford-  
Juan de Fuca

Chris Welton | Exploration Director, Americas Region | Rio  
Tinto

Paul Lefebvre, MP, Sudbury and Parliamentary Secretary  
to the Minister of Natural Resources Canada

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# Technical Sessions

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## REGIONAL OVERVIEWS: BC / YUKON / ALASKA

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**Time:** 10:20 AM – 12:00 PM

**Location:** East Ballroom AB

**Session Chair:** Jonathan Buchanan, Director, Regulatory and Technical Policy, AME

Sponsored by:



### 10:25 AM – BC Regional Overview

Gordon Clarke | Director, BC Mineral Development Office |  
BC Geological Survey

### 10:50 AM – Yukon Regional Overview

Scott Casselman | Head, Mineral Services | Yukon  
Geological Survey

### 11:15 AM – Alaska Regional Overview

Melanie Werdon | Chief, Mineral Resources Section;  
Geological Scientist | Alaska Division of Geological &  
Geophysical Surveys



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## NEW GEOSCIENCE

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**Time:** 1:15 PM – 4:00 PM

**Location:** East Ballroom AB

**Session Chairs:** Steve Irwin, Natural Resources Canada;  
Fil Ferri, BC Geological Survey

Sponsored by:



The New Geoscience Session showcases the results of frontline geoscience initiatives bringing forward new ideas on the regional geology of the Cordillera and their bearing on mineralization. Topics will range from regional syntheses of important metalotects to focused studies highlighting new investigative approaches.

**1:20 PM – Early Mesozoic Terrane Paradox in the Northern Cordillera**

Alex Zagorevski | Research Scientist, Regional Geology and Tectonics | Geological Survey of Canada

**1:40 PM – Latest Targeted Geoscience Initiative Research Results on Sediment-Hosted Base Metal Sulfide Deposits**

Dr. Michael Gadd | Post Doctoral Research Fellow | Geological Survey of Canada

**2:00 PM – Exploration Lithogeochemistry of Shales from the Wolverine VMS Deposit**

Dr. Stephen Piercey | Professor, Economic Geology | Department of Earth Sciences Memorial University of Newfoundland

**2:20 PM – Northeast Glenlyon Geology – New Stratigraphy and Structure to Better Understand Mineralization**

Rosie Cobbett | Project Geologist | Yukon Geological Survey

**2:40 PM – Late Triassic – Jurassic Magmatism, Metallogeny and Tectonics in Yukon**

Dr. Maurice Colpron | Head, Bedrock Geology | Yukon Geological Survey

**3:00 PM – A Regional Stratigraphic Framework for the Nicola Group, Southern BC**

Paul Schiarizza | Project Geologist | BC Geological Survey Branch

**3:20 PM – New Bedrock Mapping in the Hogen Batholith, Quesnel Terrane**

Luke Ootes | Project Geologist | BC Geological Survey Branch

**3:40 PM – Discovering Buried Mineralization with Microbes, Organics and Seismic Pumping**

Peter Winterburn | Research Chair in Exploration Geochemistry | University of British Columbia, Mineral Deposits Research Unit

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# Poster Session

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**Time:** 9:00 AM – 4:00 PM

**Location:** East Ballroom C

**Session Chairs:** **Jessica Norris**, BC Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch; **Steve Irwin**, Natural Resources Canada

The Poster Session is Canada's premier venue for dissemination and examination of applied mineral deposit and exploration geoscience research. The Poster Session hosts over 80 presenters from leading government, academic and industry research organizations that gather at Roundup to share pioneering work on the genesis and distribution of mineral resources throughout Canada, and beyond.

The Poster Session also enjoys participation from graduate students working at universities across Canada and around the world, and AME is proud to promote the excellent work being done by our newest members of the mineral deposit community. In addition to presenting cutting-edge research, student contributors will be competing for the most innovative, interesting and accessible economic geoscience presentation of the year.

**Posters will be on display on Monday, January 28 only.**

## POSTER SESSION AUTHOR & STUDENT PRESENTATIONS

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**Time:** 4:00 PM – 6:00 PM

**Location:** East Ballroom C

Authors will be available at their posters to discuss their projects and results. Students participating the Soapbox Talks will also deliver five-minute snapshots of their research and results.

**Posters will be on display on Monday, January 28 only.**

# Innovation Stage

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The Innovation Stage is located at the North End of the East Exhibit Hall.

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## SPEAKER SPOTLIGHT

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**Time:** 1:00 PM – 3:00 PM

**Location:** Innovation Stage, East Exhibit Hall

AME's Speaker Spotlight sessions features speakers from across industry highlighting their projects or innovations. Each talk features a 30-minute presentation followed by an informal session for attendees to connect with the presenter.

### **1:00 PM – An Emerging Copper-Gold Market**

Dr. Steven Garwin | Chief Technical Advisor | SolGold

An overview of the world-class Alcala copper-gold porphyry deposit, SolGold's projects throughout Ecuador and the company's plans moving forward.

Top three takeaways:

- Expanding the Alcala Cu-Au resource – larger and richer than reported previously
- Significant porphyry and epithermal prospects discovered elsewhere in Ecuador
- Major company shareholder support, including Newcrest and BHP – large cash reserves to facilitate future discoveries.

## **2:00 PM – New Innovations in Geology and Operations - Marigold Mine, Nevada**

Carl Edmunds | VP of Exploration | SSR Mining

Liezl Van Wyk | Director - Operations Excellence | SSR Mining

Top three takeaways:

- Recent geological mapping, combined with three dimensional modelling of the multi-million ounce Marigold Deposit, has recognized important relationships between early folding and prospective stratigraphic horizons in controlling gold mineralization.
- Innovations in data management – Bringing live operational data into the field by leveraging existing infrastructure
- Use of mobile devices to equip and empower frontline leaders to make real time operating decisions during their shifts

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

# **Government – Industry Forum**

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## **Communities, Government and Industry: Achieving Balanced Resource Development Decisions**

**Time:** 1:45 PM – 4:00 PM

**Location:** East Meeting Room 11

**Session Chair:** **Dr. Robert Stevens**, Vice President,  
Regulatory and Technical Policy, AME

### **Panel:**

Hon. Bruce Ralston | BC Minister of Jobs, Trade and  
Technology, MLA, Surrey-Whalley, and Acting BC Minister  
of Energy, Mines and Petroleum Resources

Paul Lefebvre | MP, Sudbury and Parliamentary Secretary  
to the Minister of Natural Resources Canada

Grand Chief Peter Johnston | Council of Yukon First Nations

Arjun Singh | President of the Union of BC Municipalities  
and Kamloops City Councillor

Brent Murphy | Vice President Environmental Affairs |  
Seabridge Gold

**Lightning Talks:**

Aaron Bruce | Partner and Indigenous Lawyer | Ratcliff and Company

Alan Young | Managing Director with the Circular Economy Leadership Coalition and a Sustainability Strategist

Stewart Muir | Executive Director | Resources Works

Mineral exploration and development are an integral part of Canada's economic landscape and provide significant benefits to rural and urban communities in British Columbia and across the country. Minerals and metals are also critical to realizing a low carbon future. Yet our ability to make balanced, effective and predictable development decisions that benefit communities while ensuring investor confidence is often challenged. This session will examine the issue of balanced resource development decisions through a panel of municipal, provincial, federal and Indigenous government leaders and industry and through thought-provoking lightning talks (TED-Talks style™).

# Events

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## AME LUNCH

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**Featuring:** Dr. John Thompson, Consultant, PetraScience; John Drexhage, Consultant, World Bank

**Time:** 12:00 PM – 1:15 PM

**Location:** East Meeting Room 1/2/3

**Remarks by:** Hon. Bruce Ralston, BC Minister of Jobs, Trade and Technology, MLA, Surrey-Whalley, and Acting BC Minister of Energy, Mines and Petroleum Resources

Sponsored by:  **GOLDCORP**

The world is going through rapid technological changes driven in part by the focus on a cleaner low carbon future. This change will drive increasing demand for minerals and metals. Dr. John Thompson and John Drexhage will discuss how this global change is driving new mineral demand and what industry and government can do to get ahead of this fundamental shift in society.

## HOCKEY CHALLENGE

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**Time:** 2:00 PM – 4:00 PM

**Location:** Canlan Ice Sports Burnaby 8 Rinks

**Registration required**

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## EXHIBIT HALL HAPPY HOUR

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**Time:** 4:00 PM – 5:00 PM

**Location:** East Exhibit Hall

Sponsored by:



## YUKON NIGHT

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**Time:** 6:30 PM – 9:00 PM

**By invitation only**

For more information visit: [www.yukonnight.ca](http://www.yukonnight.ca)

# Tuesday at a Glance

## PROGRAMS & EVENTS

7:30 AM – 9:00 AM	Reconciliation Breakfast
9:00 AM – 12:00 PM	Technical Session: The BC Copper Advantage
9:30 AM – 10:30 AM	Innovation Hub: Drilling Panel
10:00 AM – 10:30 AM	The Gathering Place: Opening Ceremony & Welcome
10:30 AM – 11:30 AM	The Gathering Place: Innovation Through Technology and Collaboration
11:00 AM - 12:00 PM	Innovation Hub: Vanguard Spotlight
11:30 AM – 12:00 PM	The Gathering Place: BC Regional Mining Alliance
12:00 PM – 1:15 PM	AME Finance Lunch
1:00 PM – 2:15 PM	The Gathering Place: Traditional Knowledge & Western Science
1:15 PM – 4:00 PM	Technical Session: Commodities & Financial Markets
1:15 PM – 4:00 PM	Additions to the Geoscience Toolbox Session
2:30 PM – 4:00 PM	The Gathering Place: Leadership Perspective
4:00 PM – 5:00 PM	Exhibit Hall Happy Hour
7:00 PM – 10:00 PM	BC Night

# Technical Sessions

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## THE BC COPPER ADVANTAGE

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**Time:** 9:00 AM – 12:00 PM

**Location:** East Ballroom AB

**Session Chairs:** **Craig Hart**, Mineral Deposit Research Unit; **Adrian Newton**, Skeena Resources Ltd.

As Canada's largest producer of copper, British Columbia is not only an attractive jurisdiction for mineral exploration but is also leading the way in promoting a green, electrified economy. This session will address many of BC's advantages, including its amazing geology and exploration potential, the availability of cheap and reliable energy, the presence of a skilled workforce, and innovative applications that have potential to improve the economics of deposits.

### **9:05 AM – The Business of BC Copper**

Dr. Michael Doggett | President | Beach Meadows Resources

### **9:35 AM – BC Porphyry Copper Deposit Diversity as a Key to Success**

Dr. Craig Hart | MDRU Director | Dept. of Earth, Ocean and Atmospheric Sciences at UBC

### **10:05 AM – Electrical Framework for Mining in BC**

Sam Jones | Manager, Customer Interconnections & Policy | BC Hydro  
Gordon Gray | Senior Key Account Manager and Mining Sector Lead, Customer Service | BC Hydro

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### **10:30 AM – COFFEE BREAK**

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### **10:40 AM – Mining Methods and Sorting Systems to Upgrade BC Porphyry Mines**

Dr. Bern Klein | Professor | Norman B. Keevil Institute of Mining Engineering at UBC

### **11:00 AM – The Geology of the Galore Creek Deposit**

Chris Rees | Geologist | Imperial Metals

### **11:30 AM – New Afton: An Overview of a Successful BC Block Cave**

Nimmi Dhadwal | Mine Geologist | New Gold  
Josh Parsons | Mine Engineer | New Gold



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## COMMODITIES & FINANCIAL MARKETS

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**Time:** 1:15 PM – 4:00 PM

**Location:** East Ballroom AB

**Session Chairs:** Dale Mah, Endeavour Silver Corp.;  
Chris Haubrich, National Bank Financial

Sponsored by:  **GOLDCORP**

This year's session brings together a roster of industry experts including corporate advisory consultants, technical study directors, equity research analysts, and commodity strategists to share their expertise on a wide range of financial and commodity-related matters. Presentation themes will include capital raising and business risks in today's markets as well as commodity-specific discussions on the outlook for gold, silver, copper, and battery metals.

### **1:20 PM – Battery Minerals: the Hype, the Reality and Uncertainty**

John Pfahl | Corporate Advisory Consultant | SRK Consulting

### **1:45 PM – Top 10 Business Risks Facing Mining and Metals**

Iain Thompson | Canadian Mining & Metals Leader | Ernst & Young

### **2:05 PM – Investment Themes in 2019 for the Mining Sector**

David Stein | Founder, Managing Partner | Aerecura Capital Corp

### **2:25 PM – Copper: Can Exploration Keep Pace with Demand?**

Mark Ferguson | Associate Director, Head of Mining Studies | S&P Global Market Intelligence

### **2:50 PM – Looking for Silver's Silver Lining**

Chris Thompson | Head of Mining Research | PI Financial

### **3:10 PM – Gold's Battle for Relevance in a World of Crypto, Cannabis and Commodification**

Matthew Turner | Commodities Strategist | Macquarie Capital

**3:30 PM – Capital Raising Considerations for Juniors in a Rapidly Changing Financing World**

Neil Adshead | Director | Cupel Advisory Corp.

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# The Gathering Place

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**Time:** 10:00 AM – 4:00 PM

**Location:** East Ballroom C

Sponsored by:

**Teck**  
newgold™

**KSM PROJECT  
SEABRIDGE GOLD**

Roundup 2019 takes place on the unceded territories of the Coast Salish people, including the lands of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish) and səłilwətaʔ / Selilwitulh (Tsilil-Wautuh) Nations.

Please join us once again as we bring AME's "The Gathering Place" to Roundup 2019. Presenters in "The Gathering Place" will represent Indigenous groups, Industry and Government and combinations thereof. Through the sharing of stories of early engagement and respectful relationships, they will help us to better understand why working towards reconciliation enables the building of long-term partnerships and mutually beneficial projects. They will also provide practical tips to help all explorers and indigenous communities to work together. It can be said that these are two of "the elements for discovery" - early engagement and relationship building.

**10:00 AM – The Gathering Place Opening Ceremony**

**Remarks by: Hon. Doug Donaldson**, Minister of Forests, Lands, Natural Resource Operations and Rural Development and MLA, Stikine; **Amanda Nahanee**, Cultural Representative, Squamish Nation

**10:30 AM – Innovation through Technology and Collaboration**

Join us for a keynote presentation by Stephen de Jong, Chairman of Integra Resources and CEO of VRify who will discuss how enabling technologies will produce innovation through collaboration. A discussion with Ken Solonas, Economic Development Officer from the McLeod Lake Indian Band will follow Stephen's presentation.

**11:30 AM – The BC Regional Mining Alliance**

Learn about The BC Regional Mining Alliance (BCRMA), a new partnership initiative between the Tahltan Central Government, the Nisga'a Nation, the Province of British Columbia and AME. With our founding member companies (Dolly Varden, GT Gold, Silver, IDM Mining and Skeena Resources), the BCRMA is working to boost the mineral exploration and mining industry, support long-term community sustainability and help to build a better BC together. Hear from our dynamic members who working within the Golden Triangle area of BC.

**1:00 PM – Traditional Knowledge and Western Science: A Powerful Combination**

By bringing all forms of knowledge together with respect, better projects will be built in a timely manner for the benefit of all. This panel will share their successes and discuss the opportunities when we are prepared to meaningfully collaborate.

**2:30 PM – Leadership Perspective: A Conversation**

**Remarks by: Hon. Bob McLeod**, Premier of the Northwest Territories and MLA, Yellowknife South and **Merle Alexander**, Partner/Principal, Miller Titerle + Co. Board of Directors member and Chair of The Gathering Place organizing committee, **Lana Eagle**, will facilitate the sharing of perspectives from influential leaders. This is a session you don't want to miss!

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

# Innovation Stage

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The Innovation Stage is located at the North End of the East Exhibit Hall.

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## INNOVATION HUB: DRILLING INNOVATION PANEL

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**Time:** 9:30 AM – 10:30 AM

**Location:** Innovation Stage, East Exhibit Hall

This panel will bring together a combination of diverse drilling companies to discuss the latest innovations in the drilling industry. The panel will include geologists applying these technologies on exploration programs. Other highlights will include challenges drilling companies face with implementing these innovations, and also the increased use of reverse circulation in Canada.

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## INNOVATION HUB: VANGUARD SPOTLIGHT

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**“Exploration with Watson” Growing Red Lake**

**Time:** 11:00 AM – 12:00 PM

**Location:** Innovation Stage, East Exhibit Hall

**Featuring:** **Maura Kolb**, Exploration Manager, Goldcorp Inc.

How is Red Lake Gold Mines using AI to empower geologists? Goldcorp has partnered with IBM Watson to create “Exploration with Watson”. This platform includes powerful querying capabilities of structured and unstructured data, gold predictions based on machine learning and machine reading. Geologists at Red Lake are using the platform in day to day exploration.

*As confirmed at the time of printing. For the latest information, please visit the AME website at [roundup.amebc.ca](http://roundup.amebc.ca)*

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## ADDITIONS TO THE GEOSCIENCE TOOLBOX SESSION

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**Time:** 1:15 PM – 4:00 PM

**Location:** Innovation Stage, East Exhibit Hall

**Session Chairs:** **Jessica Norris**, BC Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch; **Fil Ferri**, BC Geological Survey; **Carolyn Relf**, Yukon Geological Survey

Assembling new tools for your 'Exploration Toolbox', presenters will share results from recent innovative geoscience projects across Canada and deliver talks featuring new methodologies that support the mineral exploration and mining industries.

**1:15 PM – Digitizing BC Assessment Report Data**  
Gabe Fortin | Geomatics Geoscientist | BC Geological Survey

**1:30 PM – No More Noodling in the Data Swamp**  
Lara Lewis | Economic Geologist | Yukon Geological Survey

**1:45 PM – Maps, Apps, and Publications: Tools to Discover Geoscience Information in Yukon**  
Brett Elliot | GIS Geologist/Spatial Data Administrator | Yukon Geological Survey

**2:00 PM – An Open Source Geophysical Toolkit for Geologists**  
Dianne Mitchinson | Research Associate | Mineral Deposit Research Unit – UBC

**2:15 PM – Geophysical Characterising Mantle Processes and Conditions in Endowed and Unendowed Archean Greenstone Belts**  
Graham Hill | Research Associate | MERC - Laurentian University

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**2:30 PM – COFFEE BREAK**

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**2:45 PM – Carbon Sequestration in Ultramafic Mine Tailings: Opportunities for BC**  
Greg Dipple | Director - BRIMM and Professor at UBC | BRIMM - UBC

**3:00 PM – Is There an Ideal Till Sample? Assessing Sample Quality Using Sequential Leaches**  
Travis Ferbey | Quaternary Geologist | BC Geological Survey

**3:15 PM – Mineral Markers of Porphyry Cu Mineralization**  
Beth McClenaghan | Research Scientist | Geological Survey of Canada

**3:30 PM – In-field Identification of Indicator Minerals Using pXRF: a New Efficient Tool for Prospectors**  
Alexei Rukhlov | Provincial Geochemist | BC Geological Survey

**3:45 PM – Strategies for the Discovery of Buried Cu Deposits in Tectonic Active Terrains**

Ally Brown | MSc Candidate | Mineral Deposit Research Unit – UBC

# Events

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## RECONCILIATION BREAKFAST

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**Time:** 7:30 AM – 9:00 AM

**Location:** East Meeting Room 123

**Moderator:** Karen Joseph, Reconciliation Canada

**Keynotes:** **Carol Anne Hilton**, Founder and CEO of The Indigenomics Institute; **Leonard Jackson**, BCT Projects

**Opening Remarks:** Hon. Scott Fraser, Minister, Indigenous Relations and Reconciliation and MLA, Alberni-Pacific Rim,

**Special Guest:** Chief Dr. Robert Joseph

Sponsored by:



A discussion on how leaders can enable a culture of reconciliation through their work at our second annual Reconciliation Breakfast.

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## FINANCE LUNCH

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**Featuring:** **Dr. Nicole Adshead-Bell**, Director at Cupel Advisory Group

**Time:** 12:00 PM – 1:15 PM

**Location:** East Meeting Room 123

Sponsored by:



Our keynote for 2019, Dr. Nicole Adshead-Bell will talk on exploration financing and how it's progressed over the past 10 years. Now, more than ever, companies are taking a creative approach to exploration financing with crowd-funding, private equity, royalty and streaming options. Find out how these new ideas work and how they could work for you.

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## EXHIBIT HALL HAPPY HOUR

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**Time:** 4:00 PM – 5:00 PM

**Location:** East Exhibit Hall

Sponsored by:



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## BC NIGHT

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**Time:** 7:00 PM – 10:00 PM

**Location:** East Meeting Room 1/2/3

**Tickets required for entry**

Sponsored by:

**Apex Diamond Drilling Ltd.**

**Northspan Explorations Ltd.**

**ALS Global**

**Activation Laboratories Ltd. (Actlabs)**

**Agnico Eagle Mines Limited**

**Gowling WLG**

**Multi-Power Products Ltd.**

# Notes

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# Wednesday at a Glance

## PROGRAMS & EVENTS

7:30 AM – 9:00 AM	Environment, Health & Safety Awards Breakfast
9:00 AM – 12:00 PM	Technical Session: Precious Metals
10:00 AM – 10:45 AM	The Gathering Place: Agreements & Relationships
9:30 AM – 1:00 PM	Innovation Hub Presentations
11:00 AM – 12:00 PM	The Gathering Place: Success Stories
11:30 AM – 2:00 PM	Old-Timers' Lunch
12:15 PM – 4:00 PM	Early Engagement Within Project Assessments Workshop
1:30 PM – 1:50 PM	AME Annual General Meeting
1:15 PM – 4:00 PM	Technical Session: Base Metals
4:00 PM – 5:00 PM	Exhibit Hall Happy Hour
6:00 PM – 9:30 PM	AME 'Celebration of Excellence' Awards Gala
6:30 PM – 10:30 PM	Curling Bonspiel
7:00 PM – 10:00 PM	Alaska Night

# Technical Sessions

## PRECIOUS METALS

**Time:** 9:00 AM – 12:00 PM

**Location:** East Ballroom AB

**Session Chairs:** **Albert Chong**, Wheaton Precious Metals;  
**Shelia Ulansky**; SRK Consulting

Sponsored by: *Endeavour*   
SILVER

The Precious Metals Session will showcase selected gold and silver exploration projects from across Canada and the world. The presentations will feature skilled mineral explorationists highlighting their recent successes based upon the elements of research, innovation, technical expertise and creative project management. The session will provide insights on a range of mineral deposits including mesothermal gold in Eastern Canada, porphyry and epithermal gold and silver in the Americas and beyond.

**9:05 AM – Geologic Architecture and Precious Metal Mineralization, New Insights, Larder Lake**

Ross Sherlock | Research Chair, Director MERC and Metal Earth, Harquail School of Earth Sciences | Laurentian University

**9:30 AM – A Near-Surface, High Grade Gold Discovery - Dixie Project, Red Lake, Ontario**

Bob Singh | Vice President Exploration | Great Bear Resources Ltd.

**9:55 AM – Developing the Multi-Million Ounce Valentine Lake Gold Project, Nfld**

Sherry Dunsworth | Senior Vice President Exploration | Marathon Gold Corp.

**10:20 AM – Developing the New Khundii Gold District in Southwest Mongolia**

Michael MacDonald | President and CEO | Erdene Resource

**10:45 AM – Las Chispas Project; A Developing High-Grade Silver-Gold Discovery in Sonora, Mexico**

Eric Fier | CEO & Director | Silvercrest Metals Inc.

**11:10 AM – Cerro Blanco Gold Project, Guatemala – Permitted, High Grade, on the Path to Production**

David Cass | Vice President Exploration | Bluestone Resources Inc.

**11:35 AM – Unravelling the Geology in Weathered Terrains Using Geochemistry, Bomboré Gold Deposit, Burkina Faso**

Pascal Marquis | Senior Vice President Exploration | Orezone Gold Corp.

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## **BASE METALS**

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**Time:** 1:15 PM – 4:00 PM

**Location:** East Ballroom AB

**Session Chairs:** **Tony Scott**, Macquarie; **Ross Gordon**, Teck Resources Limited

It has been a volatile year for Base Metals, with some significant changes in sentiment throughout the year. Despite this, the exploration end of the Base Metals business is seeing renewed and innovative activity driven by acceptance that metals like Copper and Nickel are critical to the long term trend towards Electric Cars, Renewable Energy and Battery Storage.

In this session we aim to present new Copper, Nickel and Zinc exploration projects from Canada and around the world.

**1:20 PM – El Domo VMS Deposit – Part of a Strong Future for Mining & Exploration in Ecuador**

Jason Dunning | Vice President Exploration | Adventus Zinc

**1:45 PM – Geology of the Manto Negro Red Bed Copper Deposit, Mexico**

Michael McPhie | CEO & President Prize Mining Corporation

**2:10 PM – The Harvest and Adyabo Projects in the Arabian Nubian Shield of Northern Ethiopia**

Jeff Heidema | Vice President Exploration | East Africa Metals

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### **2:35 PM – COFFEE BREAK**

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**2:45 PM – Porphyry and Skarn Mineralization of the Sunnyside property, Arizona**

Peter Megaw & Rick Trotman | Barksdale Capital

**3:10 PM – Stratiform Copper Deposits of the Mitchi property, Quebec**

Kiril Mugerman | President & CEO | Kintavar Exploration

**3:35 PM – Geology and Mineralization of the Aguilas Project, SW Spain**

Tim Moody | President and CEO | Pan Global Resources Inc.

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# The Gathering Place

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**Time:** 10:00 AM – 4:00 PM

**Location:** East Ballroom C

Sponsored by:



**KSM PROJECT  
SEABRIDGE GOLD**

Please join us once again as we bring AME's "The Gathering Place" to Roundup 2019. Presenters in "The Gathering Place" will represent Indigenous Groups, Industry and Government and combinations thereof. Through the sharing of stories of early engagement and respectful relationships, they will help us to better understand why working towards reconciliation enables the building of long-term partnerships and mutually beneficial projects. They will also provide practical tips to help all explorers and indigenous communities to work together. It can be said that these are two of "the elements for discovery"- early engagement and relationship building.

**10:00 AM – Agreements and Relationships:  
The Communications Pathway to Success**

This panel of industry professionals from within BC and across Canada will discuss examples and share advice on best practices in communications to enable healthy relationships and agreements. Moderated by Heidi Klein, a valuable member of AME's Indigenous Relations & Reconciliation Committee.

**11:00 AM – Success Stories: Indigenous Business Perspectives**

Hear from our experienced and successful panelists on their approach to opportunities and challenges as they share perspectives on their professional ventures. Time will be available for questions following the discussion.

**12:15 PM – Early Engagement within Project Assessments: Workshop on Regulations and Policy Options**

Due to limited space, this event will be by invitation. If you are interested in attending, please stop by the Gathering Place to chat with an AME representative at any point prior to the event.

Invitees will work together in a "world café" style format, discussing the new Provincial Environmental Assessment Legislation, passed in the fall of 2018. By sharing knowledge, experience and ideas, the group can contribute input to the Environmental Assessment Office (EAO) as regulations, policies and standards are designed to support the recent legislative changes to the BC Environmental Assessment Act.

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# Innovation Stage

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The Innovation Stage is located at the North End of the East Exhibit Hall.

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## INNOVATION HUB PRESENTATIONS

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**Time:** 9:30 AM – 1:00 PM

**Location:** Innovation Stage, East Exhibit Hall

**Emcee:** **Kaeli Gattens**, Innovation Hub Co-Chair

Join us for presentations from the Roundup 2019 Innovation Hub Participants.

9:30 AM – VRify Technology Inc.

10:00 AM – Moon Patrol VR

10:30 AM – Finger Food

11:00 AM – Minerva Intelligence Inc.

11:30 AM – Global UAV Technologies Ltd.

12:00 PM – LlamaZoo Interactive

12:30 PM – BRIMM - UBC

# Events – Wednesday

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## ENVIRONMENT, HEALTH & SAFETY AWARDS BREAKFAST

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**Featuring:** Jeffery Lyth, QSP Leadership

**Time:** 7:30 AM – 9:00 AM

**Location:** East Meeting Room 8/15

Sponsored by:  **AngloAmerican**

Does your safety management program match up against other leading safety organizations? Join Jeff Lyth, as he outlines the evolving nature of safety management and how companies can stay ahead of the curve to seek to achieve “safety” in modern workplaces.

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## OLD-TIMERS’ LUNCH

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**Time:** 11:30 AM – 2:00 PM

**By invitation only**

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## AME ANNUAL GENERAL MEETING

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**Time:** 1:30 PM – 1:50 PM

**Location:** East Meeting Room 11

**Open to all AME members**

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## EXHIBIT HALL HAPPY HOUR

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**Time:** 4:00 PM – 5:00 PM

**Location:** East Exhibit Hall

Sponsored by:



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## AME 'CELEBRATION OF EXCELLENCE' AWARDS GALA

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**Pre-Reception:** 6:00 PM – 7:00 PM

**Awards Presentation:** 7:00 PM – 9:30 PM

**Location:** East Meeting Room 1/2/3

Tickets required for entry

Sponsored by:



Wine sponsor:

mcmillan

Reception sponsors:



PAN AMERICAN  
— SILVER —



CASSELS BROCK  
LAWYERS

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## CURLING BONSPIEL

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**Time:** 6:30 PM – 10:30 PM

**Location:** Hollyburn Country Club, West Vancouver, BC  
Registration required

Sponsored by: AMC Consultants

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## ALASKA NIGHT

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**Time:** 7:00 PM – 10:00 PM

**Location:** Vancouver Convention Centre West

Presented by the Alaska Miners Association

For more information please visit:

[www.alaskaminers.org/](http://www.alaskaminers.org/)

# Thursday at a Glance

## PROGRAMS & EVENTS

8:50 AM – 12:00 PM BC / Yukon / Alaska Cordillera

9:30 AM – 12:00 PM Social Innovation Panel

12:45 PM – 1:30 PM TSX LIVE Market Close at Roundup 2019

## Technical Sessions

### BC/YUKON/ALASKA CORDILLERA

**Time:** 8:50 AM – 12:00 PM

**Location:** East Ballroom AB

**Session Chairs:** **Thomas Branson**, Equity Exploration Consultants Ltd; **Julia Lane**, ATAC Resources Ltd.

**Opening Remarks:** **Hon. Andrew Scheer**, Leader of the Official Opposition, MP, Regina - Qu'Appelle and Leader

Sponsored by:



MACQUARIE

This session covers a broad region in western North America with a diverse geologic history. With exploration spending on the rise, the focus will be on a selection of exciting and innovative exploration programs across a range of commodities and deposit types in BC, Yukon and Alaska.

**9:10 AM – Stardust: Modern Exploration at a Historic Carbonate Replacement Deposit; Northern BC**

Steve Robertson | President and CEO | Sun Metals Corp.

**9:20 AM – Controls on the Zackly Cu-Au Skarn; the Smoking Gun for a New Porphyry District in Alaska?**

Frazer Tabearth | Managing Director | PolarX Limited



**9:40 AM – Exploration Along the Forrest Kerr Fault, Northwest BC**

Rohanna Gibson | Project Geologist | Aben Resources Ltd.

**10:00 AM – Preliminary Geology of the South Zone Discovery – Shovelnose Gold Project, Southwest BC**

Peter Fischl | Exploration Manager | Westhaven Ventures Inc.

**10:20 AM – H.H. "Spud" Huestis Award Recipient Presentation: Influences on Vein-Fault Geometry, Mineral Deposition and Exploration; Keno Hill Silver District, Yukon**

Seymour Iles | Exploration Manager | Alexco Resource Corp.

**10:50 AM – Geology of the Saddle North Au-Cu Porphyry Discovery, Northwest BC**

Charlie Grieg | Vice President Exploration | GT Gold Corp.

**11:10 AM – A New Gold-Rich Porphyry Discovery on the Freegold Mountain Property, Yukon**

Tony Barresi | Vice President Exploration | Triumph Gold Corp.

**11:30 AM – Exploration Potential of the Minto Copper Belt, Yukon: Migmatized Cu-Au Porphyry Deposits**

Nikolett Kovacs | Regional Exploration Specialist | Pembridge Resources PLC

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## **Innovation Stage**

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The Innovation Stage is located at the North End of the East Exhibit Hall.

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### **SOCIAL INNOVATION IN MINERAL EXPLORATION PANEL**

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**Time:** 9:30 AM – 12:00 PM

**Location:** Innovation Stage, East Exhibit Hall

**Moderator:** Dr. Shannon Bard, Practice Leader, Biological Risk Assessment, Hemmera

**Speaker:**

- Dr. Andrew Weaver, Leader of the Third Party and MLA, Oak Bay-Gordon Head

**Panel:**

- Deanna Higginson, Socio-Economic and Community Engagement Specialist, Hemmera, An Ausenco Company
- Sue Paish, CEO, Canada's Digital Technology Supercluster
- Ryan Peterson, CEO & Co-Founder, Finger Food Studios Inc.
- Shena Shaw, Socio-Community Specialist, Hemmera, An Ausenco Company

The panel session will feature experts in a lively discussion and Q&A. The panelists will discuss how they have adapted and used technological innovations in ways that can assist mineral exploration companies with community engagement, support and development. Learn ways that social needs can be met through innovation.

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# Events

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## TSX MARKET CLOSE

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**Time:** 12:45 PM – 1:30 PM

**Location:** East Ballroom C

**All are welcome**

Sponsored by:  **TMX** THE FUTURE IS YOURS TO SEE.

Please join us to close the market on Toronto Stock Exchange and TSX Venture Exchange on the last day of Mineral Exploration Roundup 2019!

# Roundup Organizing Committee

**Chair:** David Gale | SSR Mining

**Vice-Chair:** Dale Mah | Endeavour Silver Corp.

## **Technical Session Chairs:**

Thomas Branson | Equity Exploration Consultants Ltd.

Albert Chong | Wheaton Precious Metals

Fil Ferri | BC Geological Survey

Ross Gordon | Teck Resources Limited

Craig Hart | Mineral Deposit Research Unit

Chris Haubrich | National Bank Financial

Steve Irwin | Natural Resources Canada

Julia Lane | ATAC Resources Ltd.

Adrian Newton | Balmoral Resources Ltd.

Jessica Norris | BC Geological Survey

Carolyn Relf | Yukon Geological Survey

Tony Scott | Macquarie

## **Core Shack**

Michael Gray | Macquarie Securities

Danielle Mountjoy | BMC Minerals (No.1) Ltd.

John-Mark Staude | Riverside Resources

Matt Turner | Rockhaven Resources

## **Project Generators Hub**

Matt Turner | Rockhaven Resources

Albert Chong | Wheaton Precious Metals

## **Prospectors' Tent**

Scott Berdahl | Prospector

Carolyn Relf | Yukon Geological Survey

## **The Gathering Place**

Lana Eagle | Lana Eagle Consulting

## **Poster Session**

Jessica Norris | BC Geological Survey

Steve Irwin | Natural Resources Canada

## **Short Courses**

David Gale | SSR Mining

Dale Mah | Endeavour Silver Corp.

Ross Gordon | Teck Resources Limited

## **Innovation Hub**

Mona Forster | Range Road Advisory

Kaeli Gattens | VRify Technology Inc.

## **Discovery Day**

Danielle Mountjoy | BMC Minerals (No.1) Ltd.

# Notes

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