

Mineral Resources Review 2018



Common Ground

CANADIAN INSTITUTE OF MINING,
METALLURGY AND PETROLEUM,
NEWFOUNDLAND and LABRADOR BRANCH

in association with

NEWFOUNDLAND AND LABRADOR
DEPARTMENT OF NATURAL RESOURCES,
MINES BRANCH

October 31 – November 3, 2018

Delta Hotels St. John's
Conference Centre
St. John's, NL



WEDNESDAY, 31 OCTOBER – All day

- 7:00 **Vale Morning Field Trip** leaves Delta Hotel – New Gower Street entrance
- 9:00 **CIM PROSPECTOR SHORT COURSE and FIELD TRIP:** Salon E, Harbourview Ballroom
Rock Sampling for Prospectors: From the Outcrop to the Drill
Presenters: Justin Lake and Crispin Pike, Department of Natural Resources
Sponsored by Sokoman Iron Corp. and by Mining Industry NL
- 9:00 **PEGNL PROFESSIONAL DEVELOPMENT SHORT COURSE – PART 1:** Salon F and G, Harbourview Ballroom
Till Indicator Mineralogy and Geochemistry: Effective Methodology for Gold and Base-metal Exploration. Presented by: Overburden Drilling Management Ltd.
Sponsored by Professional Engineers and Geoscientists NL
- 10:30 **REFRESHMENT BREAK:** Short Courses
- 10:45 **PEGNL Short course resumes**
- 11:00 **Prospector Short Course Field Trip bus leaves from Delta Hotel – New Gower Street**
- 11:45 **Vale Afternoon Field Trip** leaves from Delta Hotel – New Gower Street entrance
- 12:00 **LUNCH BREAK FOR PEGNL SHORT COURSE**
Pinnacle Restaurant - Lunch ticket included in PEGNL short course registration
- 12:15 **Bus arrives back from morning Vale field trip**
- 1:30 **PEGNL PROFESSIONAL DEVELOPMENT SHORT COURSE cont.** Harbourview Ballroom
Commercial Geochemical Analyses – Are You Getting What You Need?
Presenter: Dr. Stephen Amor, Geological Survey, Department of Natural Resources
Sponsored by Professional Engineers and Geoscientists NL and the CIM NL Branch
- 2:45 **REFRESHMENT BREAK sponsored by Professional Engineers and Geoscientists NL**
- 3:00 **PEGNL Short course resumes**
- 4:00 **Prospector Short Course field trip returns to Delta Hotel**
- 4:30 **Approx. end of PEGNL Short Course**
- 5:30 **Vale Afternoon Field Trip** returns to Delta
- 5:00 to 7:00 **EXHIBITOR RECEPTION:** Avalon Ballroom
Sponsored by Canadian Helicopters Ltd.

THURSDAY, 1 NOVEMBER – AM – 12:30 p.m.

- 8:00 – 12:00 **REGISTRATION DESK OPEN** Cloakroom area
- 9:00 – 5:00 **CORE SHACK, PROSPECTOR TENT and TRADE SHOW** Avalon Ballroom and Delegate Concourse
- 9:00 – 5:00 **CIM FOUNDATION SILENT AUCTION** Harbourview Ballroom lobby
- WELCOMES & MINES BRANCH REVIEWS** Harbourview Ballroom
- 9:00 **Welcome from the CIM NL Branch**
Paul McNeill, President, CIM NL Branch
- 9:02 **Welcome from CIM National**
Janice Zinck, President, CIM National
- 9:05 **Welcome from the Dept. of Natural Resources**
Hon. Siobhan Coady, Minister
- 9:15 **Mines Branch Overview**
Perry Canning, ADM, Mines Branch
- 9:35 **Geological Survey Division Overview**
Martin Batterson, Director
- 9:55 **Mineral Lands Division Overview**
Kevin Sheppard, Director
- 10:15 **Mineral Development Division Overview**
Alex Smith, Director
- 10:35 **REFRESHMENT BREAK – Avalon Ballroom**
Sponsored by Dept. of Natural Resources and Tata Steel Minerals Canada Ltd.
- PLENARY SESSION** Harbourview Ballroom
COMMON GROUND
Speaker gifts sponsored by ORMAC Industrial Solutions
- 11:00 **Current Issues in Mine Reclamation Security**
Don James, Executive Director, Geoscience and Mines Br., NS Dept. of Energy and Mines
- 11:30 **One CIM**
Angela Hamlyn, Executive Director, CIM National
- 11:35 **The Mining Value from Waste Program: Advancing a circular and low carbon economy**
Janice Zinck, President, CIM National; Director, Green Mining Innovation, CanmetMINING, Natural Resources Canada
- 12:00 **Canadian Minerals and Metals Plan**
Cathy Liu, Policy Analyst, Canadian Minerals and Metals Plan Secretariat
- 12:30 **DELEGATE LUNCH – Ticket required:** Avalon Ballroom
Sponsored by the Dept. of Natural Resources, Pennecon Ltd. and Stewart McKelvey

THURSDAY, 1 NOVEMBER – PM

- 1.30 – 5:00 **REGISTRATION DESK OPEN** Cloakroom
- 2:00 **MINES BRANCH POSTERS** Bridge Lounge
- 2:00 – 5:00 **CORE SHACK, PROSPECTOR TENT and TRADE SHOW** Avalon Ballroom and Main Concourse
- 2:00 – 3:30 **CANADIAN METALS AND MINING PLAN:** Brownsdale Room, Lower Level. Concurrent with Technical Session
- TECHNICAL SESSION** Harbourview Ballroom
Updates from the Province's Miners
- 2:00 **Integrated Operations – Leveraging Value from Mine to Market**
Achille Njike, General Manager Integrated Operations, Iron Ore Company of Canada
- 2:20 **DSO Project Update**
P.K. Ghose, CEO and MD, Tata Steel Minerals Canada Ltd.
- 2:40 **The Diamond Connection**
John Hurley, President, Trinity Resources Inc.
- 3:00 **REFRESHMENT BREAK – Avalon Ballroom**
Sponsored by Dept. of Natural Resources and Tata Steel Minerals Canada Ltd.
- TECHNICAL SESSION cont.** Harbourview Ballroom
- 3:20 **Anaconda Mining: Developing New Gold Resources in Atlantic Canada**
Jordan Cramm, Engineering Superintendent, and **Chris Budgell, P.Eng.**, Mill Process Coordinator, Anaconda Mining Inc.
- 3:40 **Update of Activities at the Ming Copper–Gold Mine**
Peter Mercer, General Manager, Ming Mine Operations
- 4:00 **The AGS Fluorspar Project: Milestone Achievements and Green Initiatives**
Melissa Lambert, P.Geo., Mine Geologist, Canada Fluorspar (NL)
- 7:30 **GEOLOGICAL SURVEY PUBLIC LECTURE** Harbourview Ballroom
Unearthing the Journey – Women in Mining
Presenter: Heather Bruce-Veitch
Director of Communications and External Relations, Iron Ore Company of Canada
- 8:00 – 10:00 **MEET & GREET:** Avalon Ballroom
Sponsored by the Iron Ore Company of Canada

FRIDAY, 2 NOVEMBER – AM

- 8:00 – 4:00 **REGISTRATION DESK OPEN** Cloakroom area
- 9:00 **MINES BRANCH POSTERS** Bridge Lounge
- 9:00 **CORE SHACK, PROSPECTOR TENT and TRADE SHOW** Avalon Ballroom and Main Concourse
- 9:00 **PROCUREMENT SESSION** Brownsdale Room, Lower Level; see next panel for details
- 9:00 – 4:00 **CIM FOUNDATION SILENT AUCTION** Harbourview Ballroom lobby
- TECHNICAL SESSION: NEW THOUGHTS AND RESEARCH:** Harbourview Ballroom
Concurrent with Procurement Session
- 9:00 **Voisey's Bay Mine Expansion Project Update**
Joao Zanon, Project Director, Voisey's Bay Mine Expansion Project, Vale
- 9:30 **Hydrothermal Alteration and Boron Isotope Systematics of the Valentine Lake Gold Camp**
Charles Samson, Dept. Earth Sciences, MUN
- 9:50 **Using regional till geochemical data and surficial observations in central Newfoundland to assist in exploration programs**
Heather Campbell, Project Geologist, Geological Survey, Dept. Natural Resources
- 10:10 **Lithologic and structural setting of orogenic gold mineralization, Antler Gold's Wilding Lake block, central Newfoundland**
Ian Honsberger¹, H. Sandeman², W. Bleeker¹, and Dave Evans^{3,1}, GSC,² GSNL,³ Antler Gold
- 10:30 **REFRESHMENT BREAK – Avalon Ballroom**
Sponsored by Tata Steel Minerals Canada Ltd.
- 10:45 **Preparing Labrador's Aboriginals for Underground Mining**
Keith Jacque, Executive Director, Labrador Aboriginal Training Partnership
- 11:05 **PDAC's State of Mineral Finance report – an examination of key financial trends in the mineral sector**
Glenn Mullan, President, Prospectors and Developers Association of Canada (PDAC)
- 11:25 **Global Mining & Metals Trends 2018/2019**
Phil Hopwood, Global Leader–Mining, Deloitte
- 11:45 **Creating Canada's Next Iron Ore Jurisdiction**
Brian Penney, President and CEO, Baffinland Iron Mines Corporation
- 12:05 **MINERAL STRATEGY ANNOUNCEMENT:**
Harbourview Ballroom
- 1:00 **DELEGATE LUNCH – Ticket required: Avalon Ballroom**
Sponsored by NL Natural Resources, Universal Helicopters

FRIDAY, 2 NOVEMBER – AM AND EARLY PM

- PROCUREMENT SESSION** - Brownsdale Room, Lower Level, Delta Hotel; Concurrent with Technical Session
- 9:00 **Welcoming Remarks**
Gillian Skinner, ADM Innovation and Sector Development, Tourism, Culture, Industry and Innovation
- 9:10 **Update on the Association's Activities**
Ed Moriarity, Executive Director, Mining NL
- 9:20 **Procurement at Marathon Gold**
Robbert Borst, Chief Operating Officer, Marathon Gold Corp.
- 9:40 **Procurement at Tacora**
Bob Gagne, Vice President and General Manager, Tacora Resources Inc.
- 10:00 **Procurement at Anaconda Mining**
Darrin Kitchen, Mine Controller, Anaconda Mining Inc.
- 10:20 **Refreshment Break**
Sponsored by Tata Steel Minerals Canada Ltd.
- 11:00 **IOC-Rio Tinto Procurement**
Renee Skinner, Principal Advisor, Iron Ore Company of Canada
- 11:20 **Procurement at Tata Steel Minerals**
Manish Kumar, Chief of Procurement, Tata Steel Minerals Canada
- 11:40 **EDC Programs & Services for the Mining Sector**
Bill Bavis, Senior Account Manager, Export Development Canada (EDC)

FRIDAY, 2 NOVEMBER – PM

- 2:00 – 4:00 **MINES BRANCH POSTERS** cont., Bridge Lounge
- TECHNICAL SESSION:** Harbourview Ballroom
Projects in Development
- 2:00 **Alderon's high-grade iron ore Kami Project will provide a differentiated product to supply an evolving market**
Tayfun Eldem, President and CEO, Alderon Iron Corp.
- 2:20 **Red Moon Resources Inc. - advancing Industrial Minerals from exploration to production, an integrated approach**
Patrick Laracy, President and CEO, Red Moon Resources Inc.
- 2:40 **Matt Lehtinen**, President and COO, Tacora Resources Inc.
Quality versus Quantity: Restarting the Scully Mine
- 3:00 **REFRESHMENT BREAK – Avalon Ballroom**

Sponsored by Tata Steel Minerals Canada Ltd.

FRIDAY, 2 NOVEMBER – LATE PM

- TECHNICAL SESSION:** cont., Harbourview Ballroom
Projects in Development
- 3:20 **Marathon Gold Corporation's Valentine Gold Camp: 3.2 Million Oz. Gold and Growing**
Phillip Walford, President and CEO, and **Sherry Dunsworth**, Senior VP Exploration, Marathon Gold Corporation
- 3:50 **The Deep Fox Rare Earth Element Project, St. Lewis, Labrador**
Randy Miller, VP Exploration, Search Minerals Inc.
- 4:10 End of Technical Presentations
- 6:00 – 1:00 **MRR SOCIAL: Bridge Lounge, Delta Hotel**
- 8:00 **CIM Foundation Silent Auction Winning bids announced at MRR Social**
Music by Fergus O'Byrne and Friends
Sponsored by Cabo Drilling, Molson Coors, New Found Gold Corp., Triple Nine Resources

SATURDAY, 3 NOVEMBER – EARLY AM

- 8:00 **CIM NL BRANCH AGM** Conception Bay Room
- 9:00 – 1:00 **PROSPECTOR TENT** Salons B, C and D
- TECHNICAL SESSION: Updates from the Explorers:**
Harbourview Ballroom
- 9:00 **Daniels Harbour Zinc Project, Newfoundland**
Dr. Gerald Harper, CEO, Ubiq Minerals Limited
- 9:15 **Hopedale Gold Project, Labrador**
Roger Moss P.Geo., President & CEO and **Shawn Ryan**, Technical Advisor, Labrador Gold Corp.
- 9:30 **Buchans Base Metal Project, Newfoundland**
Paul Moore, P.Geo., VP Exploration, and **David Butler, P.Geo.**, Exploration Manager, Buchans Resources Limited
- 9:45 **Geology, Geochemistry and Exploration Upside, Red Cross Lake Intrusive Suite, Newfoundland**
Pat Collins, P.Geo., Exploration Manager, Vulcan Minerals Inc./Red Moon Resources Inc.
- 10:00 **Big Easy Gold Project, Newfoundland**
Bill Pearson, P.Geo., Geological Consultant, Cartier Iron Corporation
- 10:15 **REFRESHMENT BREAK – Salons B, C and D**
Sponsored by Tata Steel Minerals Canada Ltd.

SATURDAY, 3 NOVEMBER – Late AM and PM

- TECHNICAL SESSION:** cont., Harbourview Ballroom
- 10:45 **Exploration Update, Central Newfoundland Gold Project**
Dave Evans, P.Geo., NL Expl. Manager, and **Howard Bird, P.Geo.**, VP Exploration, Antler Gold Inc.
- 11:00 **Moosehead and Clarks Brook Gold Properties, Newfoundland,**
Timothy Froude, P. Geo., President & CEO, Sokoman Iron Corp.
- 11:15 **Argyle Gold Deposit – A Growing Resource at Anaconda's Point Rouse Project, Newfoundland**
Dean Courage, P.Geo., Exploration Geologist, Anaconda Mining Inc.
- 11:30 **Buchans–Mary March Base Metals Project, Newfoundland**
Bob Patey, P.Geo., Research Geologist, Canstar Resources Inc.
- 11:45 **Environmental Studies, Resource Models, and Mine Planning at the Hope Brook Gold Project, Newfoundland**
Bill Tanaka, VP Technical Services, First Mining Finance Corp.
- 12:15 **DELEGATE LUNCH – Ticket required: SALONS B, C AND D**
Sponsored by the Department of Natural Resources
- CIM NL BRANCH AWARDS DINNER AND DANCE**
- 6:30 **HONORARY MEMBERS & GUESTS RECEPTION**
Salons E and F
- 6:30 **AWARDS DINNER RECEPTION** Crush Lobby
- 7:30 **AWARDS DINNER AND DANCE** Avalon Ballroom
Sponsored by Atlantic Minerals Ltd. Honorary Members sponsored by Fair Haven Resources & New Dawn Resources Inc. Dinner wine sponsored by Marathon Gold Corporation Dinner Music sponsored by Sokoman Iron Corp. Dance music by the Dana Parsons band Mining Industry Awards sponsored by New Valley Drilling and the Dept. of Natural Resources
- Printing of the Conference Program is sponsored by Abitibi Geophysics*