

Mineral Resources Review 2022



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

in association with

NEWFOUNDLAND AND LABRADOR
DEPARTMENT OF INDUSTRY,
ENERGY AND TECHNOLOGY

November 1-4, 2022

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



TUESDAY, 1 NOVEMBER – AM and PM

9:00–4:30 **PEGNL PROFESSIONAL DEVELOPMENT SHORT COURSE**
Harbourview Ballroom (Salons F and G)

Hyperspectral 101: Introduction to Reflectance Spectroscopy and Hyperspectral Imaging
Sponsored by PEGNL

9:00–3:00 **CIM PROSPECTOR SHORT COURSE**
Harbourview Ballroom (Salon E)

Prospecting for Critical Minerals
Sponsored by CABO Drilling Corp. and Sokoman Minerals Corp.

10:00–10:30 **REFRESHMENT BREAK**
Sponsored by Sokoman Minerals Corp.

12:00–1:30 **DELEGATE LUNCH**
Pinnacle Restaurant – lunch ticket included with pre-registration

5:00–7:00 **WELCOME RECEPTION** Avalon Ballroom
Sponsored by Prospectors and Developers Association of Canada

7:00–10:00 **MINING ACT CONSULTATION**
Harbourview Ballroom

WEDNESDAY, 2 NOVEMBER – AM

8:00–5:00 **REGISTRATION DESK OPEN** Cloakroom
(closed for lunch 12:00–1:30)

8:00 **REFRESHMENT** Avalon Ballroom
Sponsored by TRU Precious Metals Corp.

9:00–5:00 **DEPARTMENT OF INDUSTRY, ENERGY AND TECHNOLOGY PAVILION** Avalon Ballroom

9:00–5:00 **CORE SHACK, PROSPECTOR TENT, TRADE SHOW** Avalon Ballroom / Main Concourse

9:00–5:00 **CIM FOUNDATION SILENT AUCTION**
The Bridge
Sponsored by Vale Canada Ltd.

WELCOMES & DEPARTMENT OF INDUSTRY, ENERGY AND TECHNOLOGY PRESENTATIONS
Harbourview Ballroom

9:00 **Welcome from CIM NL Branch**
Matthew Stewart, President/Chair, CIM NL Branch

WEDNESDAY, 2 NOVEMBER – AM

9:02 **Welcome from CIM National**
Angela Hamlyn, CEO, CIM National

9:05 **Welcome from Newfoundland and Labrador Department of Industry, Energy and Technology**
Hon. Andrew Parsons, Minister

9:10 **Welcome from Government of Canada**
Yvonne Jones, MP for Labrador, Parliamentary Secretary to the Minister of Natural Resources and to the Minister of Northern Affairs

9:15 **Mining and Mineral Development Branch Overview**

Alex Smith, ADM Mines
Geological Survey Summer Field Program
Dorothea Hanchar, Director

9:55 **Online Claim Staking - Charting the Future with Lessons Learned from Other Canadian Jurisdictions**
Justin Lake, Manager, Mineral Rights Administration and **Trina Adams**, Mineral Claims Recorder, Mineral Lands Division

10:15 **REFRESHMENT BREAK** Avalon Ballroom
Sponsored by ALS

10:45 **Rare Earth Element Mineralization Associated with Peralkaline Complexes in Newfoundland and Labrador**
Dr. Zsuzsanna Magyarosi, Ph.D., P.Geo., Project Geologist, NL Geological Survey

11:05 **An Update on Recent Geological Mapping and Mineral Potential Studies in the Eastern Labrador Trough**
Dr. Jared Butler, Ph.D., Project Geologist, NL Geological Survey

11:25 **Surficial Sampling for Exploration in Newfoundland and Labrador Using Government Databases**
Heather Campbell, P.Geo., Project Geologist, NL Geological Survey

11:45 **Provincial Core Storage: An Introduction, Update and Looking Towards the Future**
Glen Penney, Project Geologist, Core Storage, Mineral Lands Division

12:05 **DELEGATE LUNCH – ticket required**
Avalon Ballroom
Sponsored by NorthStream Safety & Rehab, Maritime Resources Corp., Eastern Analytical, GroundTruth Exploration, Marathon Gold Corp. and HR Project Partners

1:05 **CIM Awards and Scholarships**
Matthew Stewart, President/Chair CIM NL Branch

WEDNESDAY, 2 NOVEMBER – PM

1:25 **Industry Update**
Ed Moriarity, Executive Director, Mining Industry NL (MINL)

TECHNICAL SESSION: MINING AND INNOVATION
Harbourview Ballroom

1:45 **Dramatically Increase Metal Production by 2035 Mining - Or Let the Planet Burn, Melt and Drown**
Doug Morrison, President & CEO, Centre for Excellence in Mining Innovation (CEMI)

2:10 **Underground Mining Applications of 3D Reality Capture using SLAM LiDAR and Autonomous UAV**
Dr. Gary Thompson, P. Geo., Chair of Industry Innovation, College of the North Atlantic

2:35 **REFRESHMENT BREAK** Avalon Ballroom
Sponsored by SGS

3:05 **Optimizing Mineral Exploration Using Data Science: Applying Machine Learning Strategies to Improve Discovery Potential (Recent Examples from Newfoundland)**
Britt Bluemel, MSc., Senior Geochemist, GoldSpot Discoveries Corp.

3:30 **Upcycling Value from Mine Waste**
Mike Sullivan, CEO, BAIE Minerals Inc.

3:55 **Exploration Undercover Using Public Domain Remote Sensing Imagery: The Use of Thermal Remote Sensing and Gas Estimation for Exploring Vegetated Terrains**
Dr. Neil Pendock, Image Processing Specialist, Dirt Exploration

4:20 **CIM NL BRANCH BUSINESS MEETING**
Harbourview Ballroom

7:30 **GEOLOGICAL SURVEY PUBLIC LECTURE**
Harbourview Ballroom

From the Earth to the Everyday: The Importance of Communicating Geoscience in a Changing World
Presented by: Amanda McCallum
President & Principal Consultant, Ignite Education Inc.

8:30–10:00 **CORE SHACK, PROSPECTOR TENT, TRADE SHOW** Avalon Ballroom / Main Concourse

8:30–10:00 **DEPARTMENT OF INDUSTRY, ENERGY AND TECHNOLOGY PAVILION** Avalon Ballroom

8:30–10:00 **MEET & GREET** Avalon Ballroom
Sponsored by Hatch Ltd. and Fusion Drilling Ltd.

THURSDAY, 3 NOVEMBER – AM

8:00–4:00 **REGISTRATION DESK OPEN** Cloakroom
(closed for lunch 12:00–1:30)

8:00 **REFRESHMENT** Avalon Ballroom
Sponsored by TRU Precious Metals Corp.

9:00–4:00 **DEPARTMENT OF INDUSTRY, ENERGY AND TECHNOLOGY PAVILION** Avalon Ballroom

9:00–4:00 **CORE SHACK, PROSPECTOR TENT, TRADE SHOW** Avalon Ballroom / Main Concourse

9:00–4:00 **CIM FOUNDATION SILENT AUCTION**
The Bridge
Sponsored by Vale Canada Ltd.

TECHNICAL SESSION: MINERS AND DEVELOPERS
Harbourview Ballroom
Concurrent with Procurement Session

9:00 **Building Rio Tinto IOC for Tomorrow**
Chantal Lavoie, COO, Rio Tinto Iron Ore Company

9:20 **DSO Timmins Update**
Mukesh Ranjan, CEO/MD, Tata Steel Minerals Canada

9:40 **Developing North America’s Premier Talc Alternative**
John Hurley, President & CEO, Trinity Performance Minerals

10:00 **Ground to Round: Vale Newfoundland & Labrador**
Roberto Damasceno, Head of Vale Newfoundland & Labrador

10:20 **REFRESHMENT BREAK** Avalon Ballroom
Sponsored by GEMTEC Consulting Engineers and Scientists

10:50 **Newfoundland’s Antimony: Deposit and Production at Beaver Brook Antimony Mine**
Dr. Nico Kastek, Mine Geologist, Beaver Brook Antimony Mine

11:10 **Great Atlantic Salt Project Update**
Patrick Laracy, CEO, Atlas Salt Inc.

11:30 **Operations and Development Update**
Chris Budgell, Mill Manager, Signal Gold Inc.

11:50 **Tacora – Future Opportunities**
Graham Letto, Manager Government and Community Relations, Tacora Resources

12:10 **Buchans Barite Resource Development**
Mike Rose, CEO, Barite Mud Services Inc.

THURSDAY, 3 NOVEMBER – PM

12:30 **DELEGATE LUNCH – ticket required**
Avalon Ballroom
Sponsored by Stantec Consulting Ltd., United Rentals, Stewart McKelvey and IMDEX

1:30 **REE Mining and Secondary Processing in Newfoundland and Labrador**
Greg Andrews, President/CEO, Search Minerals Inc.

1:50 **Hammerdown Gold Project – Poised for Development**
Garett MacDonald, President and CEO, Maritime Resources Corp.

2:10 **Joyce Lake Canada’s Next Iron Ore Mine**
Peter R. Jones, Chair of Advisory Committee, Century Global Commodities Corp./Joyce Direct Iron Inc.

2:30 **On Track with Atlantic Canada’s Next Gold Mine**
Matt Manson, CEO, Marathon Gold Corp.

PROCUREMENT SESSION

Brownsdale Room, Lower Level
Concurrent with Technical Session

9:00 **Welcoming Remarks**
Deborah Guillemette, Department of Industry, Energy and Technology

9:05 **IOC-Rio Tinto Procurement**
Jeannine Winter, Specialist – Service Delivery Procurement

9:30 **Signal Gold Procurement**
Victoria Wells, Procurement Superintendent

9:55 **Procurement at Tacora Resources**
TBC

10:20 **Refreshment Break** Avalon Ballroom
Sponsored by GEMTEC Consulting Engineers and Scientists

10:35 **Procurement at Marathon Gold**
Tim Williams, Chief Operating Officer, Marathon Gold Corp.

11:00 **Procurement at Maritime Gold**
Perry Blanchard, Vice President, Environment and Sustainability, Maritime Resources Corp.

THURSDAY, 3 NOVEMBER – PM

3:00 **REFRESHMENT BREAK** Avalon Ballroom
Sponsored by Fair Haven Resources Inc.

TECHNICAL SESSION: GENERAL
Harbourview Ballroom

3:30 **Critical Minerals In Newfoundland and Labrador: An Overview**
Dr. James Conliffe, Ph.D., Project Geologist, NL Geological Survey

3:55 **The Central Newfoundland Gold Belt(s): Observations, Ages and Interpretations**
Dr. Ian Honsberger, Research Scientist, Geological Survey of Canada

5:30–7:00 **NLPA AGM** Brownsdale Room

6:00–10:00 **MRR SOCIAL** Bridge Lounge
Sponsored by Ausenco

FRIDAY, 4 NOVEMBER – AM

9:00–1:00 **PROSPECTOR TENT** Salons B, C and D

TECHNICAL SESSION: JUNIOR EXPLORATION
Harbourview Ballroom

8:30 **REFRESHMENT** (Avalon Ballroom)
Sponsored by Benton Resources

9:00 **Golden Hope Gold & Kraken Lithium Projects, Newfoundland**
Stephen Stares, President & CEO, Benton Resources Inc.

9:15 **Golden Baie Gold Project, Newfoundland**
Matt Lapointe, P.Geo., VP Exploration, Canstar Resources Inc.

9:30 **Millertown Gold Project, Newfoundland**
Chris Buchanan, M.Sc., P.Geo., Chief Geologist, C2C Gold Corp.

9:45 **Exploits North Gold Project, Newfoundland**
Ken Tylee, B.Sc., P. Geo., VP Exploration, Exploits Discovery Corp.

10:00 **Heritage Gold Project, Newfoundland**
Greg Woodland, P.Geo., Sr. Project Geologist, Golden Ridge Resources

10:15 **Lab West Iron Ore Project, Labrador**
Steve Roebuck, P.Geo., Director & Interim CEO, High Tide Resources Corp.

10:30 **REFRESHMENT BREAK** Salons B, C and D
Sponsored by Labrador Uranium

FRIDAY, 4 NOVEMBER – AM

11:00 **Kingsway Gold Project, Newfoundland**
Roger Moss, Ph.D., P.Geo., President & CEO, Labrador Gold Corp.

11:15 **Great Northern Gold Project, Newfoundland**
David Copeland, M.Sc., P.Geo., Chief Exploration Geologist, Magna Terra Minerals Inc.

11:30 **Exploration of the Northeast Cape Ray Shear Zone**
Crispin Pike, Vice President of Discovery, Matador Mining Ltd.

11:45 **Queensway Gold Project, Newfoundland**
Melissa Render, P.Geo., VP Exploration, Newfoundland Gold Corp.

12:00 **Moosehead Gold Project, Newfoundland**
Tim Froude, P.Geo., President & CEO, Sokoman Minerals Corp.

12:15 **Sail Pond Silver-Copper-Zinc-Lead-Antimony Project, Newfoundland**
Jeremy Niemi, P.Geo., Director of Exploration, Sterling Metals Corp.

12:30 **Golden Rose Gold Property**
Paul Ténière, M.Sc., P.Geo., VP of Exploration, Tru Precious Metals Corp.

9:00–12:30 **WOMEN IN MINING**

Diversity and Inclusion: Addressing this Together
Open to All Registrants
St. John’s Convention Centre

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. and Hatch Ltd.
Dinner Wine sponsored by Labrador Gold Corp. and Duralite Diamond Drills
Piper sponsored by New Valley Drilling Co. Ltd.

Dance music by the Black Sheep

Mining Industry Awards sponsored by Overburden Drilling Management Ltd. and Labrador Gold Corp.

Printing of the Conference Program is sponsored by Wolseley