

# Program for Geology Matters 2014

## Wednesday, November 12

- 8:00 am - 3:00 pm      Registration
- 8:00 am - 9:00 am      Coffee sponsored by BGC Engineering
- 9:00 am                Exhibits Open
- 9:00 am - 9:15 am      *Opening Remarks*, Deputy Minister Frank Dunn, DNR
- Session 1: Report from the Geoscience and Mines Branch*
- 9:15 am - 9:35 am      *The Nova Scotia Mineral Incentive Program* - Bob Ryan, DNR
- 9:35 am - 10:00 am     *Prospector Assistance at the Pockwock and Beaverbank Gold Showings* - Ron Mills, DNR
- 10:00 am - 10:25 am    *Geology and Mineral Potential of the Cheticamp Area* - Chris White, DNR
- 10:25 am - 10:45 am    Coffee break sponsored by MineTech International
- 10:45 am - 11:10 am    *How Mining Can Benefit Economic Development of Geoheritage Sites* - John Calder, DNR
- 11:10 am - 12:00 pm    *Workshop: Geoscience and Mines Branch Internet Map Services and Applications* - Sonya Cowper, DNR
- 12:00 pm - 1:30 pm     Luncheon - Guest Speaker David Acker, First Vice-President, CIBC Wood Gundy, *Regulations and Your Retail Advisor*, Sponsored by Conrad Brothers
- Session 2: Gold: Sponsored by GoGold Resources*
- 1:30 pm - 2:15 pm      *Advances and Successes in Using Pyrite Trace Element Chemistry to Solve Issues of Ore Genesis, Basin Fertility and Vectoring to Ore* - Ross Large, University of Tasmania
- 2:15 pm - 3:00 pm      *Proterozoic Gold at Reworked Archean Cratonic Margins* - Chris Lawley, Natural Resources Canada
- 3:00 pm - 3:15 pm      Coffee break sponsored by Geoscientists Nova Scotia
- 3:00 pm - 5:00 pm      *Student Short Course - A Geoscience Career: Getting Discovered—Patrick McAndless, Lunenburg Room, Sponsored by Kameron Collieries*
- 3:15 pm - 4:00 pm      *Setting, Structure and Emplacement of Meguma Gold Vein Arrays* - Rick Horne, Atlantic Gold Corp.
- 4:00 pm - 4:45 pm      *Overview of Meguma Gold Deposits: Past, Present, and a View to the Future* - Dan Kontak, Laurentian University
- 4:45 pm - 5:30 pm      Networking in Commonwealth Ballroom
- 5:30 pm - 7:30 pm      Reception and Awards Ceremony, Hosted by the Honourable Zach Churchill, Minister of Natural Resources, Sponsored by Conrad Brothers, Atlantic Gold Corp., Canadian Institute of Mining, Avalon Rare Metals, Dexter Construction, Fundy Geological Museum, Stantec Consulting

## Thursday, November 13

8:00 am - 3:00 pm      **Registration**  
8:00 am - 9:00 am      **Coffee sponsored by Mining Society of Nova Scotia**  
9:00 am                    **Exhibits Open**  
9:00 am - 9:10 am      ***Opening Remarks - Donald James, DNR***

### ***Session 3: Innovation and Mining***

9:10 am - 9:30 am      ***Three Innovation Truths for the Mineral Industry - Carl Weatherell, Canada Mining Innovation Council***

9:30 am - 9:55 am      ***Bioremediation and Biodiversity: Lessons from Putting Dirt in a Bottle - Elizabeth Edwards, University of Toronto***

9:55 am - 10:20 am      ***Innovative Practices for Tailings Reclamation: Progress Towards Establishing an Agri-energy Land Use - Bryan Tisch, Natural Resources Canada***

10:20 am - 10:40 am      **Coffee break sponsored by Genome Atlantic**

10:40 am - 11:10 am      ***On Shore and Off Shore Lidar: Detailed Topography and Geoscience Applications - Tim Webster, Applied Geomatics Research Group, Nova Scotia Community College***

11:10 am - 11:35 am      ***Optimization of Waste Byproducts as Mine Soil Amendments Using Response Surface Methodologies - Greg Piorkowski, Stantec Consulting Ltd.***

11:35 am - 12:00 pm      ***Building Resource and Risk Estimates for the Devonian-Carboniferous Basins of Nova Scotia from Integrated Mineral and Petroleum Data - Fraser Keppie, NS Department of Energy***

12:00 pm - 1:30 pm      **Luncheon - Guest Speaker Carl Weatherell, CEO and Executive Director, *Canada Mining Innovation Council, Toward Zero Waste in Mining—A Paradigm Shift*, Sponsored by Conrad Brothers**

### ***Session 4: Exploration and Mining***

1:30pm - 1:50 pm      ***Building an International Mining Company in Nova Scotia -Terry Coughlan, GoGold Resources***

1:50 pm - 2:10 pm      ***An Introduction to Vulcan Minerals Company and Update on the Black Point Quarry and Marine Terminal - Chris Ridgway, Vulcan Minerals***

2:10 pm - 2:30 pm      **Coffee break sponsored by Conestoga-Rovers & Associates**

2:30 pm - 2:50 pm      ***Canada as a Mining Powerhouse - Jean Vavrek, Canadian Institute of Mining***

2:50 pm - 3:10 pm      ***Community Engagement - Chapter 2 or 2000? - Garth DeMont, DNR***

3:10 pm - 3:30 pm      ***More Than Overburden: What Can We Find When We Explore Common Ground? - Gretchen Fitzgerald, Sierra Club***

3:30 pm - 3:50 pm      ***Report from MANS - Sean Kirby, Mining Association of Nova Scotia***

3:50 pm - 5:30 pm      **Booths and Poster Displays in Commonwealth Ballroom**

5:30 pm                    **Conference Closes**  
**Thank you to all of our Corporate Sponsors!**