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Season's Greetings

Season's Greetings from the team at **Mining Matters**. Wishing you a joyous holiday celebration with family and friends and a healthy, happy and prosperous 2017!



Announcing our Teachers' Mining Tour Partnership

Mining Matters, the Ontario Mining Association and the Canadian Ecology Centre have created a new partnership. **Mining Matters** will implement and participate in the planning, promotion and delivery of the Teachers' Mining Tour, an innovative and fully-sponsored professional development program.

Tours introduce teachers to modern mining practices and industry professionals, promote understanding of the mine cycle and careers and enable teachers to make curriculum connections. In 2017, three tours are planned for the month of August: one in the North Bay area, focused on Earth science, mineral resources, prospecting and the mining service and supply sector; one in Timmins or Sudbury, centered on operating mines, milling, refining, smelting and reclamation; and one in Thunder Bay, again themed around operating mines and processing, with an overnight stay on-site to experience life in a mining camp. An anticipated 60 teachers are expected to participate in the tours. For more information contact Lesley Hymers at lhymers@miningmatters.ca.

Exploring Earth Science at Wunnumin Lake First Nation

In late October **Mining Matters** spent a fun-filled week with the students of Lydia Lois Beardy Memorial School in Wunnumin Lake First Nation. Students participated in activities examining rocks and minerals, learning how to use a compass, creating geological maps and many more hands-on activities. Representatives from Goldcorp joined the group to give a snapshot of their careers at Musselwhite Mine and share information about their path of education and work experiences that led them to the mining industry. Careers showcased included millwright, geologist, manager of sustainability and environment, and environment coordinator.

A notable highlight was the headframe challenge activity, where the winning team built a structure out of straws, tape, string and paper that lifted an incredible 70 marbles!

The program was a resounding success, as one 12-year-old girl told us, "Your program is lots of fun. Hope you guys come back next year. I learned so much about mining."

Thank you Goldcorp for your support in making this happen!

"Innovation: Mineral Exploration, Mining and Education" at the 2017 PDAC Convention



Mining Matters 10th Annual Teachers' Day - Sunday, March 5, 2017

"Innovation: Mineral Exploration, Mining and Education" is the theme of our 2017 PDAC Education Program for teachers. The program will focus on emerging technologies and innovations that move the minerals industry forward. Also included in the program are hands-on learning sessions, presentations from industry experts and a tour of the trade show floor.

The 2017 Teachers' Day is designed to be an interactive and exciting learning event for participants. Teachers will have an opportunity to experience the world's largest annual mineral exploration convention.

[Click here for more information and to register.](#)

Mining Matters Teachers' Day at the PDAC Convention is generously sponsored by IBK Capital Corp.

Inspiring Dehcho Students with Earth Science Programs



Mining Matters partnered with Dehcho First Nation and the Government of the Northwest Territories to deliver an exciting series of Earth science and mineral resources education programs. The programs inspired students to further their education with a view to seizing opportunities within the NWT's mineral exploration and mining sector.

High school students in Fort Liard, Fort Simpson and Fort Providence participated in a full-day of classroom-based learning involving interactive activities focused on rocks and minerals and their importance in everyday life, local geology and the mining sequence. A special activity taught students about diamond-bearing deposits and modern technology as it is applied to the discovery, extraction and processing of these resources.

There was specific emphasis on current mining projects in the NWT and the wide range of careers offered by the industry. Students explored job roles, education requirements and salaries of many occupations in the minerals industry. Peer-to-peer interviews helped student understand how interests and skills can tie into a chosen career path. Many students stayed after school to enjoy soapstone carving and amethyst jewelry making.

Mining Matters looks forward to continued expansion in the NWT.

2017 WHERE Challenge is Underway



The 2017 WHERE Challenge is underway and open for competition and fun! This annual contest asks students ages 9-14, across Canada, to consider "What on Earth is in their stuff?" and "WHERE on Earth does it come from?"

Students, classrooms and individuals have until March 9, 2017 to gather their research and answer the two Challenge questions creatively for a chance to win a total of \$10,000 in cash prizes.

Please share information about the WHERE Challenge with students and teachers and encourage them to spread the word about this fantastic opportunity to learn about their "stuff" and mineral resources in Canada and around the world. [Visit the WHERE Challenge website for further information.](#)

Call for Judges!

Mining Matters is looking to expand the pool of judges for the WHERE Challenge. If you currently have experience or a degree in geosciences, education, resource management, environmental studies, technology or work in a related field, please consider volunteering and join the 2017 Judges' Panel. If you are interested in judging the 2017 WHERE Challenge contest, [please click here to register.](#)

Celebrating the 10th Anniversary of the Mining Matters Hockey Tournament



This year marks the 10th Anniversary of the **Mining Matters Hockey Tournament**. Lace up your skates and join us Saturday, March 4, 2017 at Scotiabank Pond, Downsview Park, Toronto, just before the start of the 2017 PDAC Convention. Team spots and tournament sponsorships are still available!

The **Mining Matters Hockey Tournament** is an important annual fundraising event. It brings members of the mineral's industry together in friendly competition raising funds for Earth science education. Sixteen sponsored teams compete for the coveted Caracle Cup, in a round-robin format with three 40-minute games guaranteed and prizes awarded following the championship game. Join us for a great day for a great cause.

Download your [Sponsorship and Team Entry Package](#) today. For more information please contact our Tournament Coordinator, Laura Anonen, at 416-863-6463 ext. 321 or tournaments@miningmatters.ca.



Exciting New Resources and Publications Now Available!

Medicine: From the Ground Up

The newest poster in our *Mining Makes it Happen* series of posters. Available in English and French. [Click here](#).

Core Concepts

Core Concepts are standalone classroom ready activities that reflect key foundational ideas in Earth science. Available in English and French. [Click here](#).

Mining Matters 2016 Annual Newsletter

Explore the new format, highlighting programming, publications and partnerships. Share our stories, as we explore the wonders of Canada's rich geology with communities across Canada. Available in English and French. [Click here](#).

2016 groundWORK Newsletter

The groundWORK newsletter is written for elementary and secondary teachers, and published annually. Available in English and French. [Click here](#).



Save the Dates

- March 4, 2017 - [Mining Matters Hockey Tournament](#)
- March 5 to 8, 2017 - Visit us at the [PDAC Convention](#)
- June 15, 2017 - [Diamond in the Rough Golf Classic](#) and [Rock Cycle Ride for Minerals Education](#)

Support Mining Matters

Mining Matters is a charitable organization committed to educating young Canadians about mining's importance to our quality of life. Your personal or corporate contribution supports the development and delivery of leading edge educational programs that meet all Earth science curriculum expectations for the grades in which they're offered.

[Donate to Mining Matters!](#)

Charitable Registration Number: 88775 6435 RR0001

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