



## At a Glance

Mining Matters is a charitable organization dedicated to bringing knowledge and awareness about Canada's geology and mineral resources to students, educators and the public. The organization provides current information about rocks, minerals, metals, mining and the diverse career opportunities available in the minerals industry. Mining Matters offers exceptional educational resources that meet provincial curriculum expectations, created by educators and Earth science experts.

Mining Matters has reached an estimated 780,000 teachers, students and members of the public since inception in 1994.



## Highlights

- Compiled a series of more than 25 DIY activities to engage parents and their children in building mineral literacy during the transition to at-home learning
- Delivered online synchronous learning workshops for students and teacher professional development
- Continued engagement with Indigenous community partners who may lack connectivity through the distribution of geology, engineering, mining and sustainability (GEMS) activity kits for young people to complete at home
- Partnered with Let's Talk Science to contribute a hands-on learning activity to their Horizon Project, which will provide 75,000 youth in low socio-economic communities across Canada with a package of 'unplugged' learning resources
- Partnered with the Lassonde Institute of Mining at the University of Toronto to deliver a new student workshop — *Mines to Microbiomes! Exploring the Mining Cycle and Treatment of Mine Waters*

# 34,000<sup>+</sup>

Total individuals who enjoyed Earth science activities at schools, camps, conventions, conferences and public events across Canada \*

\* Estimated

## Goals of Mining Matters

- Involve youth in Earth science and the minerals industry through meaningful learning activities and innovative STEM education programs.
- Provide engaging hands-on mineral resources programming and practical mining educational opportunities for youth living in Indigenous communities.
- Equip teachers with curriculum-linked classroom resources and offer professional development training to effectively teach curricula related to mineral resources, exploration, mining and Earth science.
- Inform youth about career opportunities in the mining and mineral exploration industries.

### Mining Matters

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Registration No. 88775 6435 RR0001

# Programs and Outreach

Numbers Tell Our Story \*\*

## Teacher Training and School Programs

Bringing Earth science to life for students and teachers in classrooms across Canada

- We work with teachers and students at all levels promoting the importance of rocks, metals, minerals, mining and Canada's geology.
- Students experience STEM activities and hands-on learning, investigate Earth science careers and engage with industry experts and partners from mineral exploration and mining industries.
- Teachers receive Earth science resources developed by teachers for teachers that meet provincial curricula guidelines and the training to successfully implement the classroom activities.

608	Educators reached
139	Teacher workshops and presentations delivered
4,375	Students reached by direct workshop delivery
574	Students participated in the WHERE Challenge and in field trips
21,746	Number of students reached *

## Indigenous Communities Education and Outreach Programs

Opening a world of opportunities to youth in Indigenous communities

- We work with community, corporate and government partners to support our *Mining Rocks* Earth Science Programs and facilitate understanding of opportunities for future employment in the mineral resource sector.
- Our programs engage Indigenous youth and educators in hands-on Earth science activities and field trips, providing the opportunity to develop skills, competencies and knowledge while promoting awareness of careers.
- We organize and participate in community gatherings, career fairs, conferences and festivals.

44	<i>Mining Rocks</i> Earth Science Programs delivered
1,309	Young people reached
11	Teacher workshops delivered
68	Educators reached
413	Community Celebration Guests
1,790	Individuals reached

## Outreach Programs

Developing an awareness of the mineral exploration and mining industry and sparking interest in Earth science learning in people of all ages

- We build awareness and knowledge with the public and promote careers at gem and mineral shows, industry trade shows, museum open houses events, cultural festivals and career fairs across Canada.
- We showcase our achievements at the annual Prospectors and Developers Association of Canada's International Convention, Trade Show and Investors Exchange.
- We present the WHERE Challenge, a national contest that asks students ages 9 to 14 "What on Earth is in your stuff and WHERE on Earth does it come from?"

8,816 Participants engaged



## Partnership Programs

Building partnerships with museums, schools, STEM organizations, and industry professionals to reach people in all regions of the country

- We provide our partners with tools and resources to facilitate Earth science-themed activities in camps, classrooms and public locations.

2,067	Individuals engaged
<b>34,419</b>	<b>TOTAL INDIVIDUALS ENGAGED *</b>

\*\* Fiscal year end June 30, 2020 \* Estimated