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## ONE MILLIONTH OUNCE POURED



Earlier this year, the Rainy River mine celebrated its one millionth gold ounce poured. This achievement marks a significant milestone since the mine began commercial production in October 2017. This is the product of hard work from everyone across the site.

## FROM THE GENERAL MANAGER



Suresh Kalathil – General Manager

It has been more than a year since I joined as General Manager at Rainy River; time flies so fast! This year's performance has shown resilience and commitment of the team in the transformation of Rainy River to adapt to changing business needs and lay a foundation to position us strongly as a mine. During the first quarter, an updated Rainy River Technical Report was released, extending the life of mine from 2027 to 2031; this was a significant milestone. We delivered solid total gold production despite COVID-19 and the challenges in operations. Thank you to our Health and Safety team, COVID-19 team and our dedicated nurse practitioners for keeping our employees safe. Focusing on people and operational excellence will be the key to drive and secure our

future growth. I am proud of the significant gains we have achieved; our team has worked incredibly hard to build the Rainy River Mine into what it is today.

## Q1 2022 OPERATIONAL HIGHLIGHTS

- The mine produced 59,834 ounces of gold and 79,621 ounces of silver
- 1.8 million tonnes of ore and 8.9 million tonnes of waste were removed from the mine
- Life of Mine was extended from 2027 to 2031

# AUTONOMOUS DRILLS



Rainy River's mine operations and maintenance team continue to push the boundaries of technology. Rainy River recently added two new Sandvik Leopard® DI650i drills to the surface drilling fleet. These drills are fully equipped with industry leading Sandvik AutoMine® technology to operate autonomously!

A single operator is able to control one to three drill rigs simultaneously from one remote operating station. The controls in the remote station are identical to the onboard controls in the drill to ensure a safer and more comfortable work environment for the operator. The automated onboard function of the new drill allows the rig to operate autonomously while the operator monitors other drills on the network, only taking control when required.

The new drilling solution dramatically improves the working conditions and immediate safety of the operator while physically keeping them out of hazardous areas in a controlled environment.

*Keith Mose - Planning and Projects Superintendent*

# DISTRICT MINE RESCUE COMPETITION



Accepting the plaque for top spot in the Skills Competition are (from Left to Right): No.4 Erik Wimmelbacher, Spareman Jamie Carlson, No.2 Brad Robinson, Briefing Officer Lute Calder, No. 3 Graham Cumming, Vice Captain Justin Borger, Technician Scott Asselin, Captain Jarid Sandelovich, No. 6 Hannah Marcotte

This spring, our mine rescue team participated in the District Mine Rescue Competition. This was the first competition since 2019 due to COVID-19 and it proved to be a challenging event with a fire exercise, first aid scenarios and specialty equipment requirements. Our team held their own in the competition, demonstrating strong First Aid Skills and acing the fire fighting exercise. The silver lining came after the main competition was over and our team managed to defend their title in the skills competition. In this competition, their superior rope skills and use of the Kendrick Extraction Device (K.E.D.) gave them the advantage to take top honours.

While the timeline to prepare was tight, it was impressive how quickly our team came together for this year's event. The biggest recognition received was given by the Mine Rescue Officers and the two mines who we share

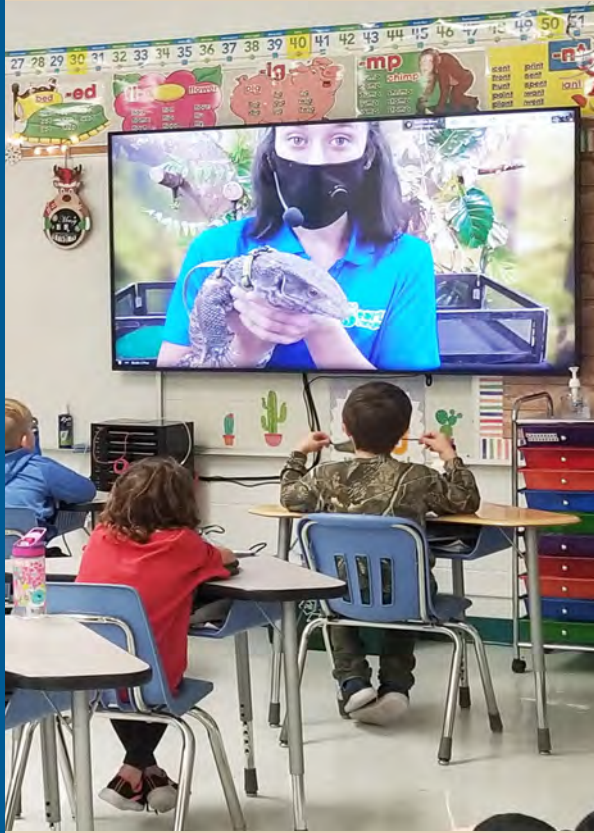
a mutual aid agreement with: the LDI and Musselwhite mines. Both the LDI and Musselwhite teams voiced their support for working with our Mine Rescue team in an underground emergency; this is a testament to how far our program and skills have developed.

To our competition team, thank you for your time and effort.

Thanks to the judges and support staff from our site who helped during competition, the departments and managers who graciously accommodated the members of the competition team to attend training and the event, and finally, all our volunteer mine rescue and Emergency Rescue Team members who devote their time and energy to train and continue to support our site in the event of an emergency.

*Richard Francoeur - Safety and Security Superintendent*

# EARTH RANGERS SCHOOL ASSEMBLY PROGRAM



The Rainy River Mine was pleased to partner with Earth Rangers to bring their virtual School Assembly Program to fifteen schools in the Rainy River District. This was a first for the area. Earth Rangers is a kids' conservation organization committed to instilling environmental knowledge, positivity, and the confidence to take action, in every child in Canada.

The School Assembly Program is a live virtual presentation that gets kids excited about helping the environment using science-based information to educate students on current environmental topics. Students are introduced to animal ambassadors and the importance of protecting their habitat.

The program highlights the work conservationists are doing across Canada and shows students how they can take action in their own community. It is delivered to students in grades one through six. Sarah Flesher and Robyn Lloyd, Environment Technicians at Rainy River Mine, provided an introduction and shared with the students their role at the mine in monitoring the forest, air, water, and wildlife. They provided a few examples of the air and water testing done at the mine site. New Gold was pleased to bring this program to schools in the Rainy River District.

## SCIENCE NORTH



Recent Community Event



Monique Gall - HR Training Admin Coordinator, Anne Marie Rousseau - Community Relations Coordinator, Shannon Stone - HR Career Development Officer

The Rainy River Mine recently partnered with Science North to bring its earth sciences and mining-based programming to local schools and First Nation communities in the district. The program provides hands-on science education for students and resources for teachers to support continued education. Their community events create a festival-like atmosphere to learn about science and mining through interactive activities, engaging displays and science-based experiments. During recent community events, representation from various departments of the mine shared their first-hand knowledge with attendees. To date, the program has been delivered to seven schools and communities in the district, receiving great feedback. Additional school and community visits are planned.

The Rainy River Recreation Centre recently hosted Science North's Great Northern Ontario Roadshow. The Roadshow featured a variety of local vendors, businesses, and groups as well as science activities, and entertainment. Our Human Resources team were on-hand to provide their expertise in resume writing and exploring careers in mining. Local youth were encouraged to drop by our booth with their resume and enter their name for a draw. Tips were provided to those looking for careers in mining. Our Immersive Link Headset which provided a 360-degree virtual experience of various trades as well as cultural teachings was enjoyed by the youth. Thank you to all that made this event a success.

# MINERAL MOMENT – GALENA



Galena

Galena is a sulfide mineral that has a beautiful metallic cube-like shape. Galena is a combination of the elements of lead (Pb) and sulfur (S). Sulfides are a group of minerals that contain both a metal and a sulfur element. At the Rainy River Mine, minor amounts of galena are found within veins and are associated with other

sulfides such as sphalerite, chalcopyrite, and pyrite. The gold and silver at Rainy River Mine occur with these sulfide minerals. The lead draws the gold and silver out of the melted rock, like a magnet. The solid lead is dissolved in an acid, suspending the gold, then analyzed to determine how much gold is present. The lead used in the mine's assay lab is in the form of a compound called litharge (lead and oxygen). This flux helps decrease the melting temperature of the rock.

Galena has a rich history. Mined for centuries, it was used by the ancient Egyptians as a cosmetic product known as kohl. The kohl was used as a black eye paint and believed to help reduce the sun's glare. Aside from its historical and cultural influence, galena's main purpose today is as a source of lead for lead-acid batteries. Almost 90% of lead mined is used for batteries. It is also an important metal for the automotive industry. The Rainy River Mine does not have enough galena to make extracting lead viable; instead, it is typically an indicator of higher levels of gold and silver.

Cory Leblans - Geology Supervisor A/C Crew

## COMMUNITY INVESTMENT PROGRAM

To submit an application, go to: <https://communityinvestment.newgold.com>

If you have any questions, contact our Community Relations Team: Phone: 1 (855) 482-0900 or Email: [rr.communityinvestment@newgold.com](mailto:rr.communityinvestment@newgold.com)

## WHO'S WORKING AT RAINY RIVER



Jordan Weinberger, Sr. Engineer, Open Pit

(as of May 31, 2022)

Total number of employees	<b>869</b>
Employees from the Rainy River District	<b>68%</b>
Indigenous Employees	<b>22%</b>
Female Employees	<b>17%</b>

## We welcome and encourage your feedback!

If you're in the Emo area, please stop by our office to speak with one of our Community Relations Team members, call or email (contact info below):

## FOR MORE INFORMATION:

### Emo Community Office

P.O. Box 5  
5967 Highway 11/71  
Emo, Ontario POW 1E0

☎ 1 (855) 482-0900

✉ [rrcomments@newgold.com](mailto:rrcomments@newgold.com)

**newgold**<sup>TM</sup> Rainy River

## JOB OPPORTUNITIES

For information on upcoming job opportunities, please keep visiting our website at [newgold.com/careers](https://newgold.com/careers)

