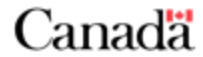


Update to City Council

GIANT MINE
REMEDIATION PROJECT



The GMRP Team



Crown Indigenous Relations and Northern Affairs Canada (CIRNAC) Yellowknife Team*



Chris MacInnis*
Director



Natalie Plato
Deputy Director



Curtis Duffy
Senior Engineer



Candace Ross
Regulatory
Manager



Geneva Irwin
A/Engagement
Manager



Andrei Torianski
Economic Policy
Analyst



Nicole Garbutt
A/ Community
Consultation Officer



Daniella Vaniersel
Communications
Officer



**Christopher
Thomas**
Mine Specialist



Ashley Dew
Administration
Project Coordinator

* Chris MacInnis and Aaron Braumberger work out of Ottawa



Garrett Cochrane
Community
Relations Officer



Aaron Braumberger*
Socioeconomic
Development Manager



Erika Nyyssonen
Senior Advisor



Jeff Rosnawski
Technical Specialist

Where We Are in The Process

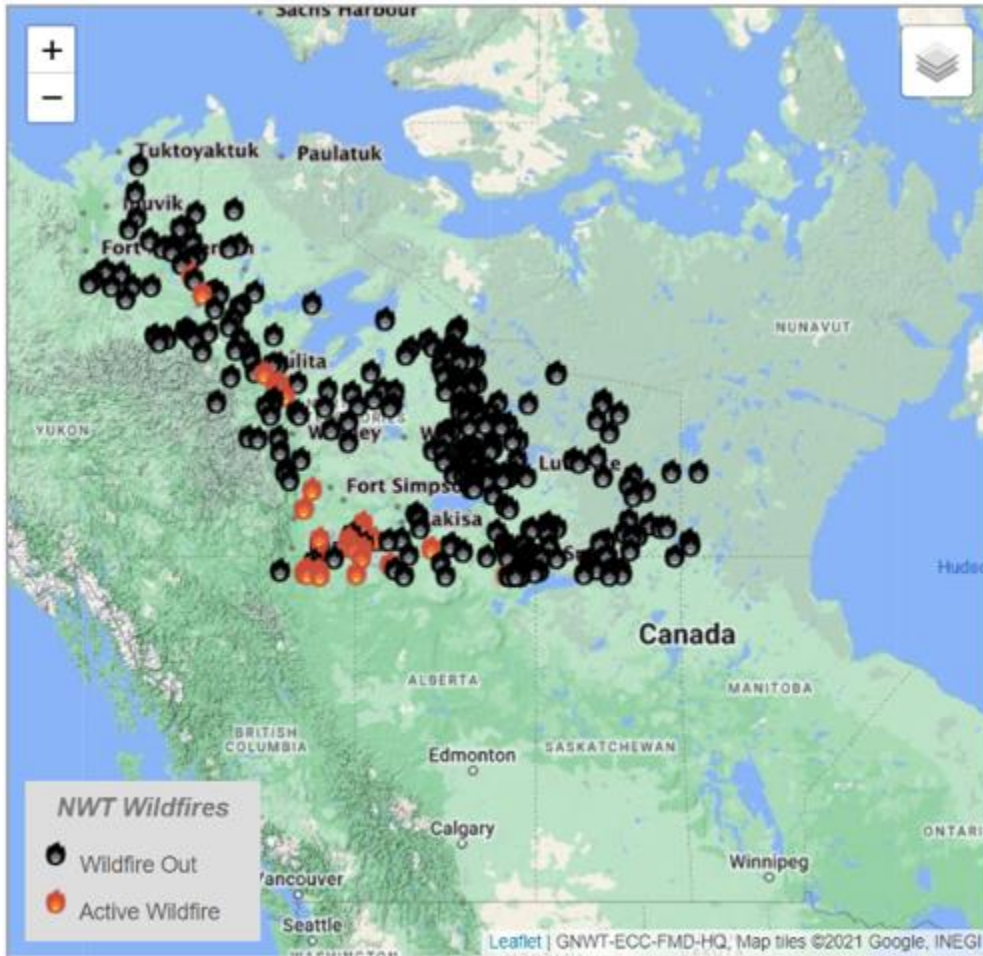


2023 Wildfire and Evacuation

The GMRP implemented the Emergency Control Plan during wildfire evacuation and site was successfully kept secure.

Securing Site and Aiding City

- Fires encroaching; City calls for support from local industry
- Contractors secured site; enabled to help City with personnel and equipment
- Pumps on; keeping water below chambers; equipment moved to tailings ponds;
- Secured site monitored; personnel, equipment loaned to fire suppression efforts; evacuated staff followed situation closely



Map as of Nov 15, 2023:

[NWT Live Fire Map | Environment and Climate Change \(gov.nt.ca\)](https://gov.nt.ca)

Return to Site

- Personnel on essential list for re-entry
- Loaned equipment returned
- Water levels checked after 3-week pause
- Contractors extended construction season
- Full effects to project cost/scope under review



Completed and Upcoming Work

What we have accomplished and what is planned next.

Townsite Deconstruction

Work Completed in 2023/24

- Remainder of Townsite Buildings deconstructed
- Materials that could be recycled were recycled
- Non-hazardous material that could not be recycled was placed in the onsite non-hazardous landfill
- Asbestos containing material was double bagged (as per regulations) and placed in the onsite non-hazardous landfill



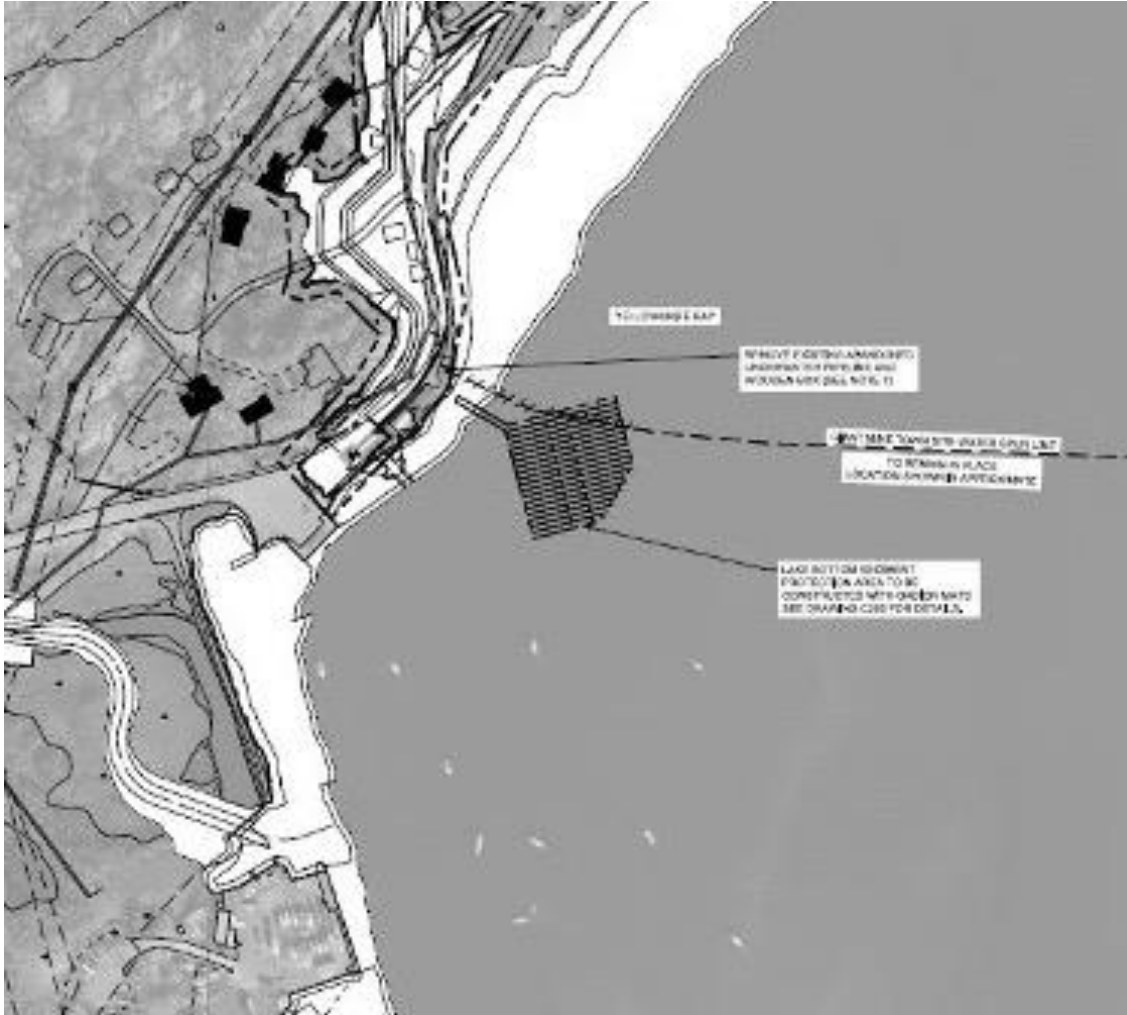
Water Treatment Plant

Work Completed in 2023/24

- Start of construction in 2023:
 - Vegetation Clearing
 - Contaminated Soils Removal (~50% complete)
 - Blasting and Rock Crushing for reuse (~35% complete)
- Pad prepared for WTP building construction
- Mine water intake wells drilled



Water Treatment Plant



Upcoming Work

- Finish removing contaminated soils and blasting work
- Construct WTP foundation and building
- Complete the Outfall pipeline and Marine Outfall in Yellowknife Bay
- Complete the minewater intake wells and pumps
- Commissioning anticipated 2026

Underground Stabilization

Work Completed in 2023/24

- Constructed paste backfill barricades
- Installed underground power and remote monitoring cameras



Underground Stabilization



Upcoming Work

- Ongoing preparatory work for the 2024 paste backfill program
 - Construction work starting in early 2024
 - Paste backfill operations planned to resume in Spring 2024 and completed in Fall 2024

Townsite and Boat Launch

Remediation will impact the boat launch area. GMRP and GNWT are working together to minimize inconvenience to users and keep the public informed.

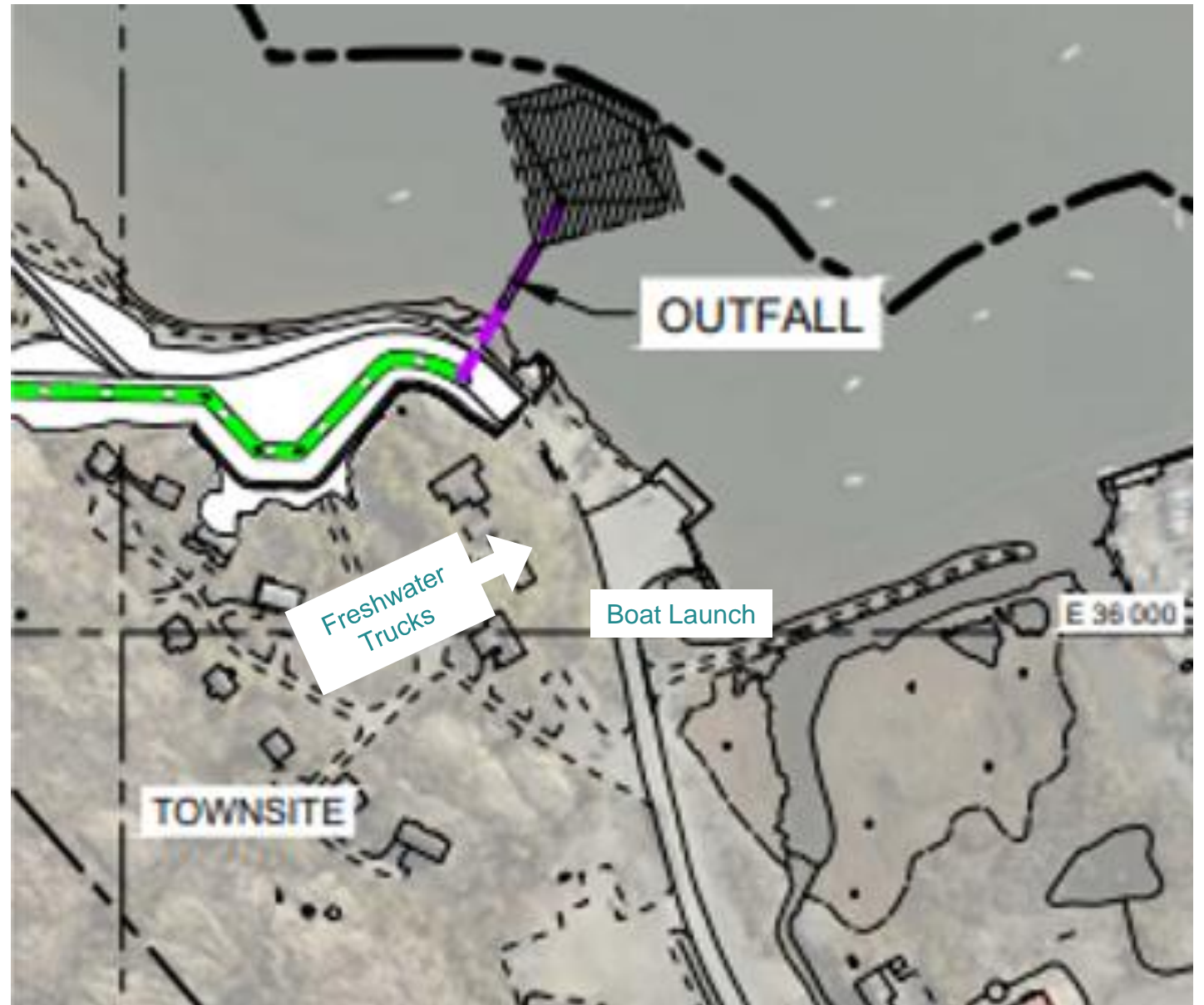


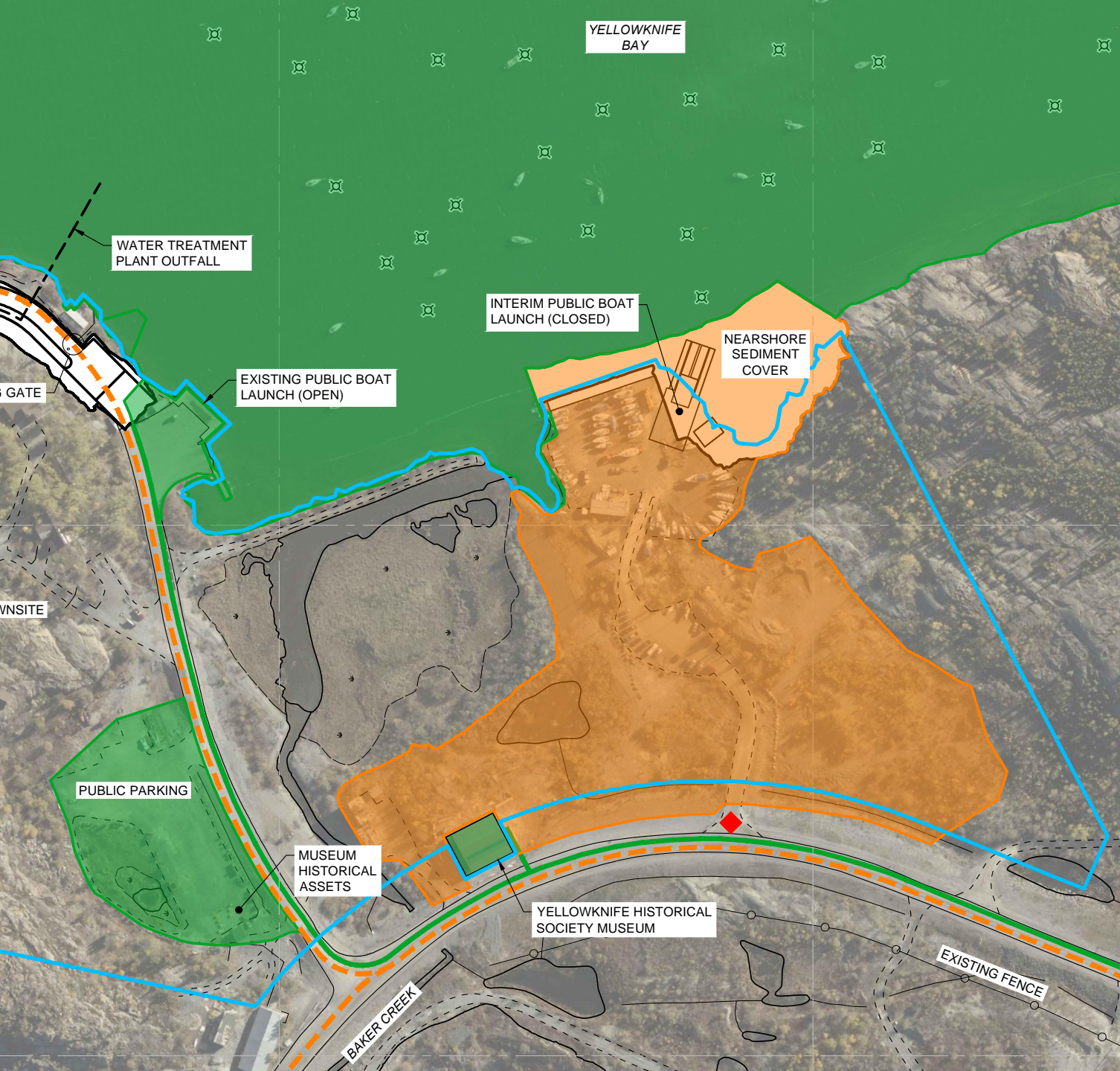
Townsite Area – Public Use

- Actively managed by GNWT, with sub-leases to the YHS and GSSC
- CIRNAC/GNWT engagement initiatives to ensure the following groups are aware of risks, schedules and other considerations:
 1. Larger Boating Community
 2. GSSC/ Yacht Club
 3. YHS Museum

Giant Boat Launch 2024 Summer-Fall

- Anticipate public notification providing information regarding in-water access routes
 - Canada.ca/giantnotice
- Water Treatment Plant on-going construction
- Outfall installation
- Freshwater intake-water; water trucks for on-site dust management
- Parking and water access as is





GSSC and YHS Area 2028 –2030

- All access to water will be through existing public boat launch
- No access for GSSC users or the general public
- Soil remediation activities begin
- Near shore sediment rip rap cover activities
- All soil removed and replaced with clean fill

Procurement, Jobs and Training

How the GMRP is benefitting Northern and Indigenous businesses and residents.

Contracts Awarded in 2023

★ Northern
Indigenous business

PSIB
Procurement Strategy for
Indigenous Businesses

Water Treatment Plant
Construction

\$218.7M (3 years)

AECON Water
Infrastructure

Surface Care and
Maintenance

\$22.9M (3 years)

Forward Mining
PSIB



Investigative Drilling

\$15.2M (5 months)

Nahanni



Legacy Debris Piles

\$11.1M (16 months)

True North Environmental
PSIB



Site Security

\$7.8M (3 years)

Denesoline Scarlet Security
Services
PSIB



Sample Drilling

\$3.9M (3 months)

Nahanni





Contracts Awarded in 2023

★ Northern
Indigenous business

PSIB
Procurement Strategy for
Indigenous Businesses

Surface Water
Groundwater Monitoring

\$1.9M (3 years)

SLR Consulting

Waste Transfer Station
Operator

\$1.5M (1 year)

True North Environmental



Pump 201 Installation

\$0.5M (1 month)

Nahanni





Procurement Performance 2022/2023

- Expenditures accounted by **Indigenous suppliers** totaled to **\$50.7M (53%)**
 - Average 37%
- Expenditures accounted by **Northern suppliers** totaled to **\$58.3M (61%)**
 - Average 54%

Procurement Target

Expenditures accounted by
Northern businesses

65 – 75%



Employment Performance 2022/2023

Indigenous
Employment

18%

Average 20%

Indigenous Target
25 – 35%

Women
Employment

22%

Average 20%

Women Target
15 – 30%



Northern
Employment

36%

Average 44%

Northern Target
55 – 70%





Training Performance 2022/2023

1 Northern
apprentice

Supported 1,017.5 hours

Target
1 Northern apprentice

6 Scholarships
Issued

Totaling \$30,000

Target
1 scholarship issued
per year



Community Benefits Agreements

Yellowknives Dene First Nation

- Signed CBA in 2021, providing annual funding of ~\$2M

North Slave Métis Alliance

- Signed CBA in 2023, providing annual funding of ~\$400K

Tłıchọ Government

- In negotiations
- In the meantime, providing annual funding of ~\$340K, via a Contribution Agreement, for training
- \$1 million to Tli Cho Investment Corporation



**Thank You
Mahsì cho
Masì
Merci**



**GIANT MINE
REMEDIATION PROJECT**



Canada