



MEETING EDE 129-19-23

**STANDING COMMITTEE ON ECONOMIC DEVELOPMENT
AND ENVIRONMENT**

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WEDNESDAY, FEBRUARY 22, 2023
COMMITTEE ROOM A/ZOOM
10:30am

AGENDA

1. Prayer
2. Review and Adoption of Agenda
3. Declarations of Conflict of Interest
4. Public Matters
 - a) Briefing on Giant Mine and the Remediation Economy with Natalie Plato (Deputy Director, Giant Mine Remediation Project), David Livingston (Chair, Giant Mine Oversight Board) and Graeme Clinton (Director, Giant Mine Oversight Board)
5. In-Camera Matters
 - a) Confidential Correspondence
 - i. 2023-02-14 – Minister of ITI
 - ii. 2023-02-14 – Minister of INF
 - iii. 2023-02-14 – Minister of ITI
 - iv. 2023-02-15 – Minister of Lands
 - v. 2023-02-17 – SCAOC
6. New Business
 - a) Letter on Public Participation in Resource Management – O'Reilly
 - b) E-bike Rebates – Nokleby
7. Date and Time of Next Meeting:
Monday, February 27, 2023 at 10:30am in Committee Room A: Public Briefing on NWT Advanced Critical Mineral Projects
8. Adjournment

**Giant Mine Oversight Board presentation to the
Standing Committee on Economic Development and Environment
Wednesday, February 22, 2023, 10:30 am**

Thank you. Good morning, everyone.

My name is David Livingstone. I'm the Chair of the Giant Mine Oversight Board (the Board).

I am accompanied by Graeme Clinton, a Director of the Board, and by Ben Nind, the Board's Executive Director.

We appreciate the opportunity to speak to you about the "remediation economy". Our primary focus will be on the Giant Mine Remediation Project (the Project) but we hope that our experience will spur action on this and other remediation projects that individually and collectively drive the "remediation economy".

For those unfamiliar with the Board, the Board was created by Giant Mine Remediation Project Environmental Agreement (the Agreement) signed in 2015. The signatories to the Agreement include the Government of Canada, the Government of the Northwest Territories, the City of Yellowknife, the North Slave Metis Alliance, Yellowknives Dene First Nation, and Alternatives North.

Article 2.1 (d) of the Agreement sets out one of the key purposes of the Agreement, i.e., to:

"build public confidence in the Project and enhanced transparency and accountability in relation to the Project."

Article 2.2 (a)(ii), states that the Parties intend that the Agreement will achieve or support the remediation of the Giant Mine site in a manner that protects:

"the economy, way of life and well-being of the aboriginal peoples of Canada in the vicinity of Yellowknife, and of other residents of Yellowknife, the Northwest Territories and Canada".

It is really within these two highlighted sections that the Board has recommended that the economic benefits of the Project be seriously considered in addition to the goal of

site remediation. Unfortunately, and a source of considerable frustration for the Board, this objective has not been fulfilled.

Let me tell you what our main concerns are right off the top.

- We estimate that the Giant Mine remediation will likely spend \$240 million annually for the next 15 years and raise the territory's GDP by \$108 million per year while generating \$60 million in labour income annually.
- We believe the Federal, territorial, and community governments are positioned to miss a large opportunity for northern economic growth, and current plans for a "remediation economy" is not helping.

In the Board's view, there are enormous opportunities to capture the economic activity involved with remediation activities, and not just those related to the Project. The remediation of the Norman Wells oilfield and the associated pipeline corridor, the legacy mines of Great Bear Lake, abandoned sumps in the Beaufort Delta, abandoned well sites in the Cameron Hills, the diamond mines and other industrial sites present enormous opportunities for the NWT economy.

However, the Board is very concerned that the Northwest Territories is missing the opportunity to learn from past mistakes and to also take advantage of the opportunities presented by these remediation initiatives. A quick calculation over the next two decades reveals close to \$6 billion dollars of opportunity for communities and residents to benefit from, but this will only be possible if we are proactive in understanding, planning, and managing this activity. **This bears repeating; to capitalize on this opportunity we must understand, plan, and manage these activities.**

To date, the Board has been frustrated by the lack of interest and initiative, let alone progress, on the part of the responsible governments in ensuring that maximum benefits are captured in the NWT for businesses and residents.

Since 2016, GMOB has made specific recommendations regarding the economic tracking and analysis of Project expenditures.

2016. Recommendation 11: Apply a structured framework from a community health and well-being perspective to evaluate social, economic, and cultural aspects of the Remediation Project.

2017. Recommendation 1: Develop and implement a socio-economic strategy to ensure northerners, particularly local Indigenous people are positively impacted by the Project.

2018. Recommendation 1: Develop and implement a socio-economic strategy to ensure northerners, particularly local Indigenous people are positively impacted by the Project.

2019- Recommendation 1: Appoint a special envoy to work with the various interests to develop and implement an integrated economic strategy.

In 2020, the Board stated that:

“GMOB is concerned about the lack of vision and plans to leverage the potential of the Project to contribute to longer-term economic activity in the NWT. Specifically, GMOB questions:

1. How northerners can/will benefit from the care and maintenance of the site once remediation is completed, and
2. How expertise developed through the remediation of the Giant Mine can be used as a springboard for evolving a northern remediation industry.

In both cases, forward-looking plans are the responsibility of the Government of the NWT and the Government of Canada. “

In 2021, GMOB again stated in its Annual Report that it:

“continues to support the development of a northern remediation economy, using the Giant Mine Remediation Project as an opportunity to promote and develop local employment, procurement, and training opportunities and capacity.”

The response of the Project Team to these recommendations and notes of concern has been disappointing. However, the Board recognizes that the Project Team is “engineer focused” and does not have the in-house expertise to address the economic oversight as needed. In other words, there are no economists on the file.

The finger needs to be pointed at the lack of awareness, understanding, and emphasis by both the Government of Canada and the Government of the Northwest Territories on ensuring that the benefits of the Project accrue to local communities and the territory at large. Though the Gov of Canada owns the Giant Mine site; we must understand that the primary focus of Canada is to remove the liabilities on its books, not growing the northern economy. The delay by the GNWT in recognizing and acting on current and future opportunities driven by remediation projects is both difficult to understand and disappointing for obvious reasons; its GNWT’s responsibility to focus on the territorial economy.

Because of the inertia experienced in this regard, the Board took the initiative and in June 2021 released a report entitled “Strengthening Socio-Economic Impact Reporting and Analysis for the Giant Mine Remediation Project”. The Board engaged a consulting team to examine issues related to the development, dissemination, and utilization of socio-economic information related to the GMRP. The overall objective of the review was to support the goal of maximizing benefits.

The Board presented this report to the Proponents and saw no uptake of the recommendations, even after discussions were held. While the Project has developed a Socio-Economic Strategy, in the Board's view the process being followed is backward, in that an economic baseline first must be developed with established key performance indicators before any economic strategy can be developed, let alone implemented.

The appointment of Graeme Clinton in 2021 to the Giant Mine Oversight Board has enabled the Board to clearly articulate what is needed to support this objective and initiate the necessary work. Graeme, a resident economist, with a background in building and monitoring economic models for industry and government, now building the baseline model of economic data for the Project. It is our hope that by building the model and using it for oversight purposes, the proponents and the relevant departments will take it on and understand, plan, and manage these economic activities to benefit the NWT economy.

The recently released revised estimate of \$4.38 billion for the Project, up from 1.3 billion, has raised the importance of tracking the flow of money into the local and territorial economy even more important. After a series of formal letters, the Proponents have now agreed to provide the necessary data to build the model.

While emphasizing that our results to date are based on a dataset that lacks details that would otherwise lend confidence to our work, we are confident in the modeling approach. Our initial observations are;

- Of the \$4.38 billion allocated to the GMRP, approximately \$3.6 billion remains, meaning the Project intends to spend (on average) \$240 million annually for the next 15 years.
- With assumptions in place for things like direct imports and contingency, we estimate this Project's spending will raise the territory's GDP by \$108 million per year while generating \$60 million in labour income annually.

We caution your interpretation of these results until we re-run our models with an improved dataset, but these results can be used to appreciate the size and scope of this project and the magnitude of "potential" benefits. For comparison, the annual employment income in Yellowknife is about \$1 billion.

We see differences in the way economic results from Giant are being tracked and reported, and in the manner in which this Project is viewed as an opportunity to increase resident participation. Residents of the NWT would be better served if, rather than making up a term like "remediation economy", we viewed GMRP and future remediation projects as an economic activity that affects numerous existing industries that are already a part of our economy.

Remediation spending will be on waste disposal and remediation services but also on non-residential and other engineering construction. These include;

- Mining and related services,
- Scientific and professional services,
- Transportation, communications, and logistics,
- Accommodation and food services,
- Security and medical services,
- Government and non-government agencies,

The list goes on.

Growth will not come from the creation of a “remediation economy”, it will come through greater local participation of labour and business in the areas listed. This growth will not occur on its own. It will need the help of governments, federal, territorial, municipal, and Indigenous, to attract, retain, and grow capacities in these areas.

In conclusion, we hope we've opened your eyes to the opportunities presented by the Giant Mine Remediation Project and its economic impacts and the need to properly understand, plan, and manage these economic activities across the Northwest Territories. The GNWT needs to take the coming infusion of dollars seriously. It needs to commit to putting in place the necessary expertise, and the supporting human and financial resources necessary to shepherd the remediation spending in ways that will benefit northerners.

The largely passive approach that has been taken so far does not meet our needs as an oversight board, nor does it fulfill the federal or GNWT obligations and commitment to ensure that northerners benefit from this and related opportunities.

It is ironic that this economic opportunity is about cleaning up a legacy mess, a mess that has landed on the laps of the taxpayer. We hope our observations will spur collective action to avoid this circumstance in the future, in addition to capturing the benefits that the remediation activities offer.

We thank the Committee for this opportunity to present our experience and thoughts on this today. The GMOB Annual Reports are public documents and are available on our website.

Giant Mine

Remediation Project

GNWT-SCEDE

Feb 22, 2023



AGENDA – March 22, 2023

1. Where we are in the process and Project schedule
2. Engagement over the years
3. Active Remediation Overview
4. Public Use Area (marina, boat launch)
5. Employment, Training, Contracts



THE GMRP LOCAL TEAM

Crown Indigenous Relations and Northern Affairs Canada (CIRNAC)



Chris MacInnis*
Director



Natalie Plato
Deputy Director



Candace DeCoste
Regulatory Manager



Jessica Mace
Engagement
Manager



Andrei Torianski
Economic Policy
Analyst



Nicole Garbutt
Administrative
Project Coordinator



Daniella Vaniersel
Communications
Officer



Christopher Thomas
Mine Specialist



Geneva Irwin
Community
Consultation Officer



Curtis Duffy
Senior Engineer

GNWT



Erika Nyssonen
Senior Advisor



Jeff Rosnawski
Technical Specialist



Garrett Cochran
Community
Relations Officer



Aaron Braumberger*
Socioeconomic
Development Manager

Parsons

* Chris MacInnis and Aaron Braumberger work out of Ottawa



WHERE ARE WE IN THE PROCESS

1948 - 2004
Mining

2020 August
Water License &
Land Use Permit
received

2021 – 2038
REMEDIATION



Traditional Use

2005 - 2020

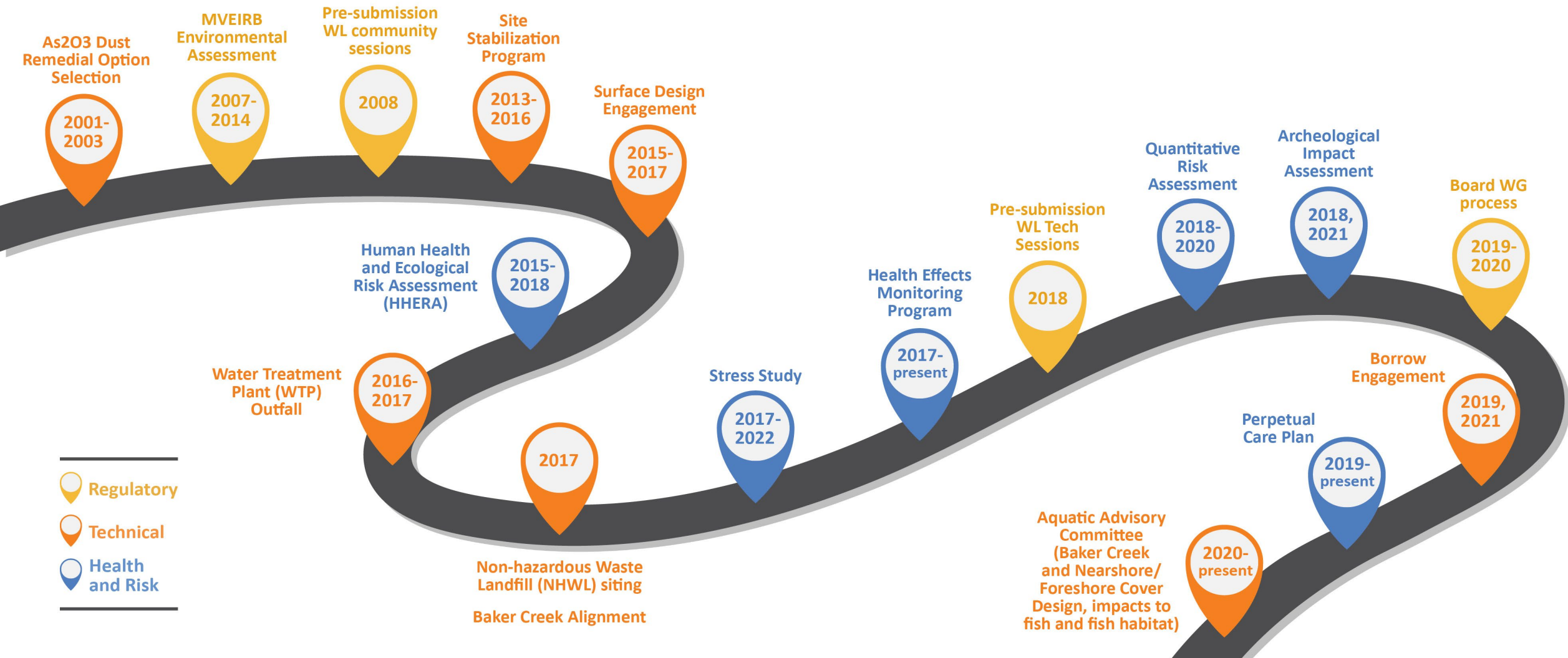
Care & Maintenance,
Site Stabilization Plan
Regulatory and Engagement

2038 and beyond

Post Closure
Perpetual Care



ENGAGEMENT OVER THE YEARS!



-  Regulatory
-  Technical
-  Health and Risk

ACTIVE REMEDIATION OVERVIEW

WHAT IS STARTED 2021 and 2022

- ✓ Area 1 Freeze Pad
- ✓ Landfill
- ✓ Backfilling the underground
- ✓ Townsite deconstruction

WHAT IS COMING 2023-2038

- ✓ Create and use borrow
- ✓ Build Water Treatment Plant
- ✓ Safely remove site structures
- ✓ Remove most contaminated soils
- ✓ Freeze all arsenic chambers
- ✓ Fill pits
- ✓ Cover tailings
- ✓ Work in Yellowknife Bay
- ✓ Restore Baker Creek



2021 - Area 1 Freeze Pad



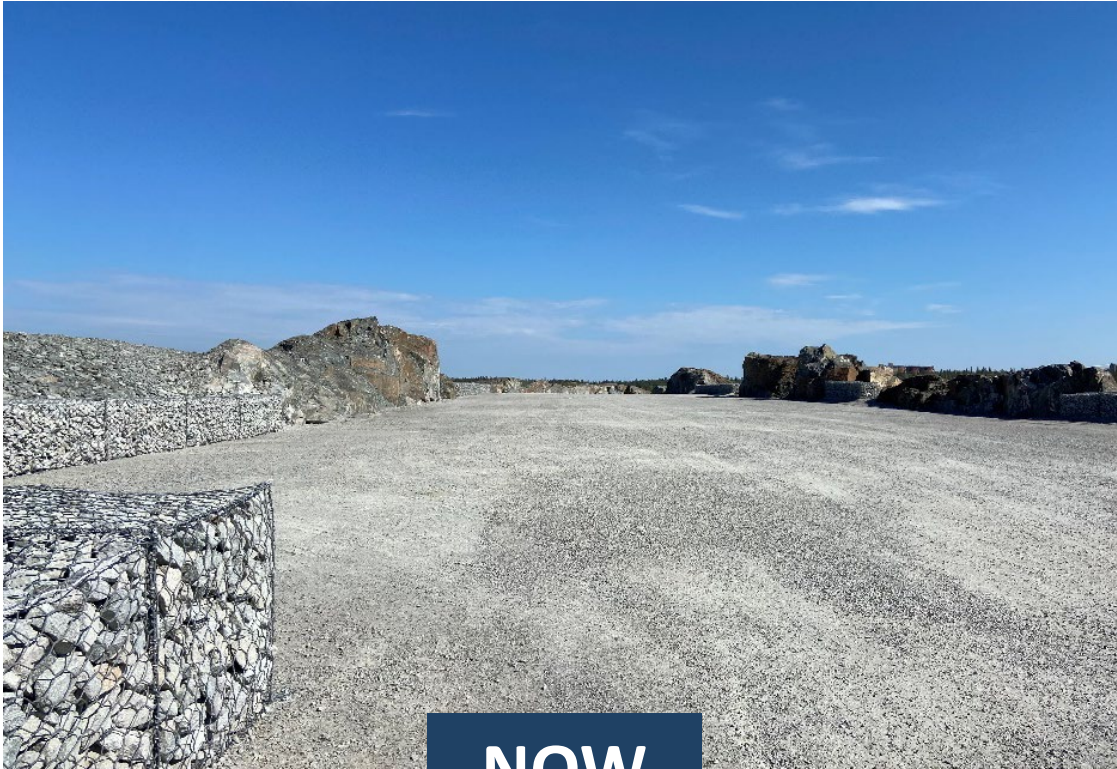
BEFORE



AFTER



2021/22 - Area 1 Freeze Pad



NOW



NOW



2021 – Landfill



BEFORE

AFTER



2021 – Landfill



NOW



NOW



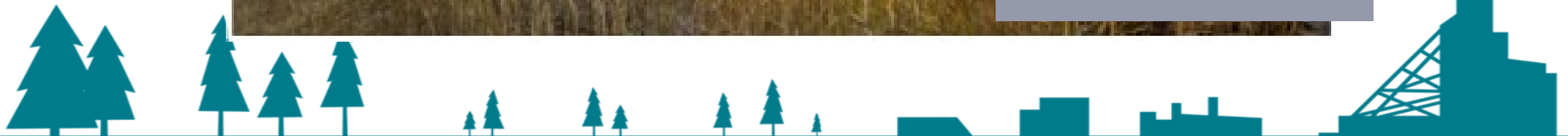
2021-22 – Underground Backfilling



2022-23 – Townsite Deconstruction



Townsite



2022-23 – Deconstruction IN PROGRESS



Planer/Carpentry Building



Deconstruction of Main Office
GMRP

Townsite
07 Oct 2022, 11:42:26





What is coming **next**?



Water Treatment Plant – 2023-2025



Site Infrastructure – 2023 to 2027



NOW



NOW



Removing Contaminated Soils – 2024 to 2033

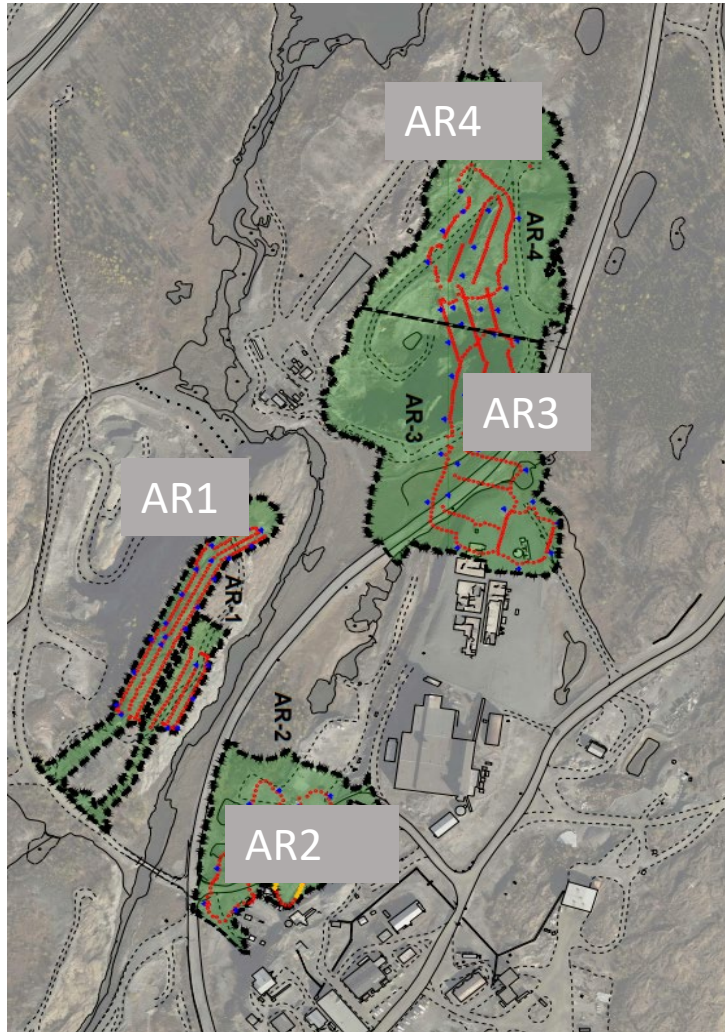


NOW

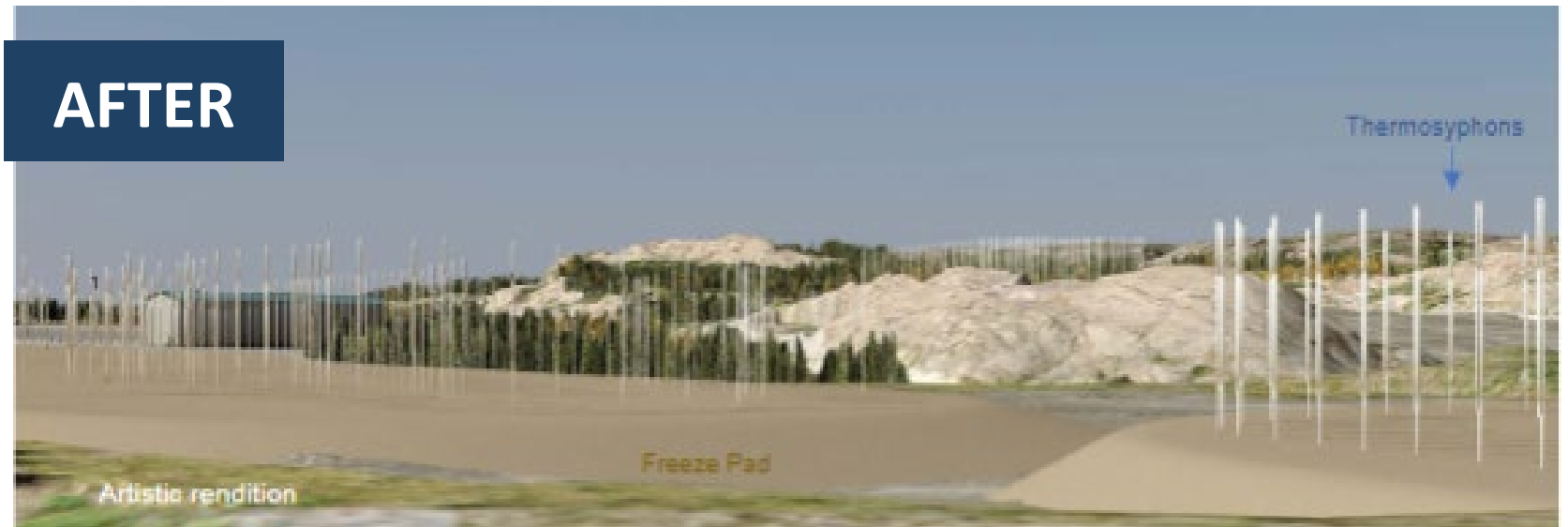
- Clear Area
- Excavate Contaminated Soil
- Place clean borrow



Underground Freeze – 2026 to 2035



AFTER



Freeze Arsenic Areas (AR1-AR4), 2026-2035

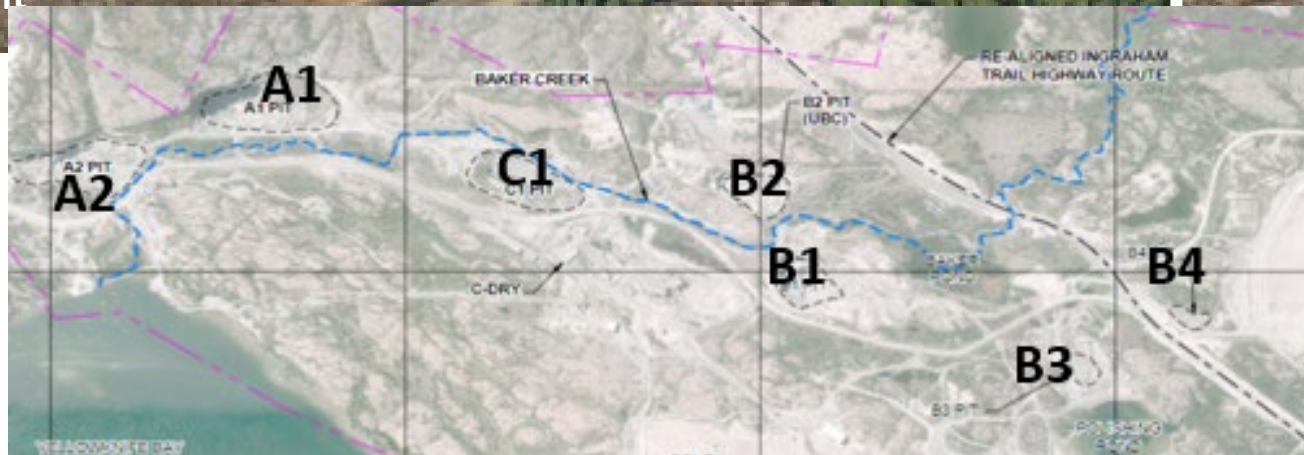
- Clear area
- Blast to make areas flat
- Install thermosyphons

Open Pits – 2027 to 2034

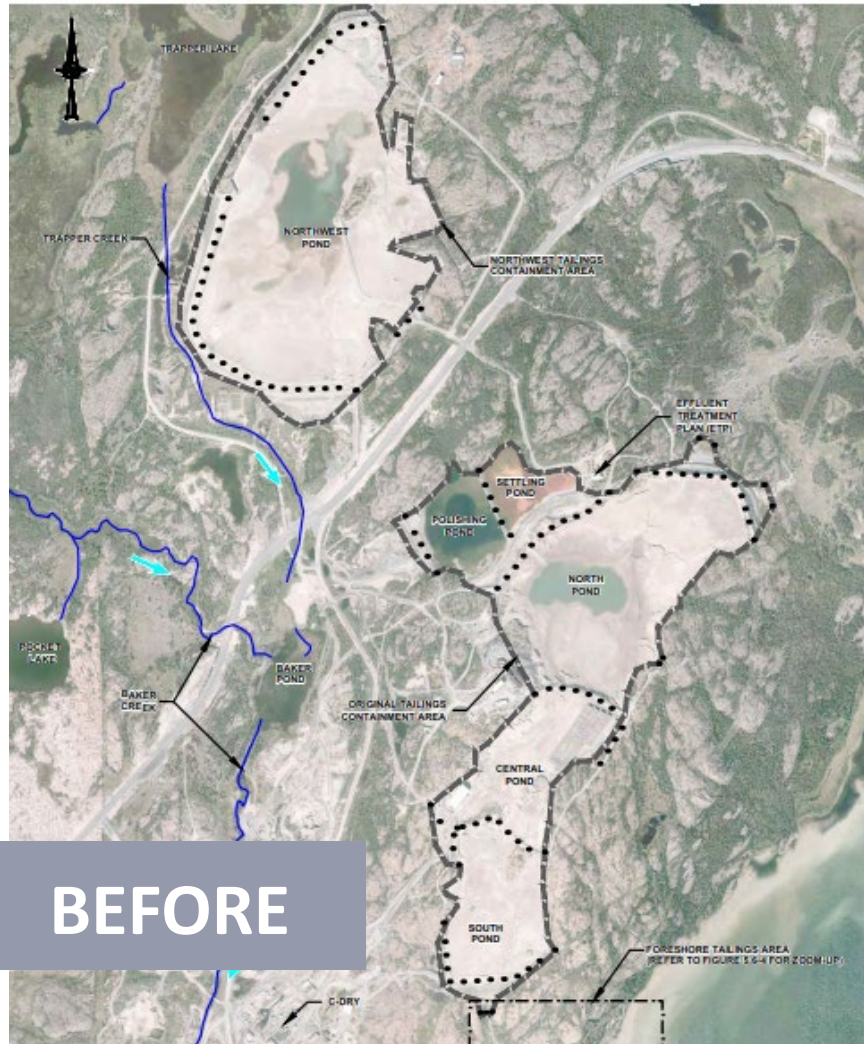
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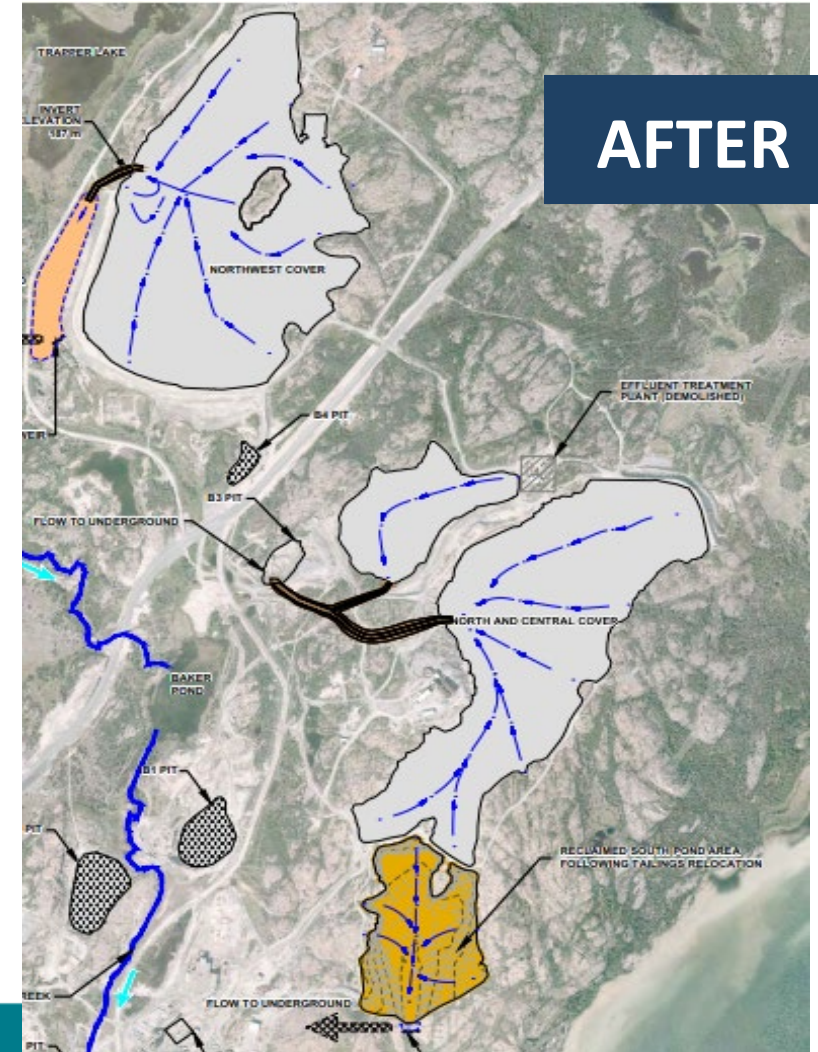
AFTER



Tailings Ponds – 2026 to 2037



- Relocate South Pond to Central and North ponds
- Dry out the ponds
- Cover the ponds with a liner and large rocks



Baker Creek



NOW

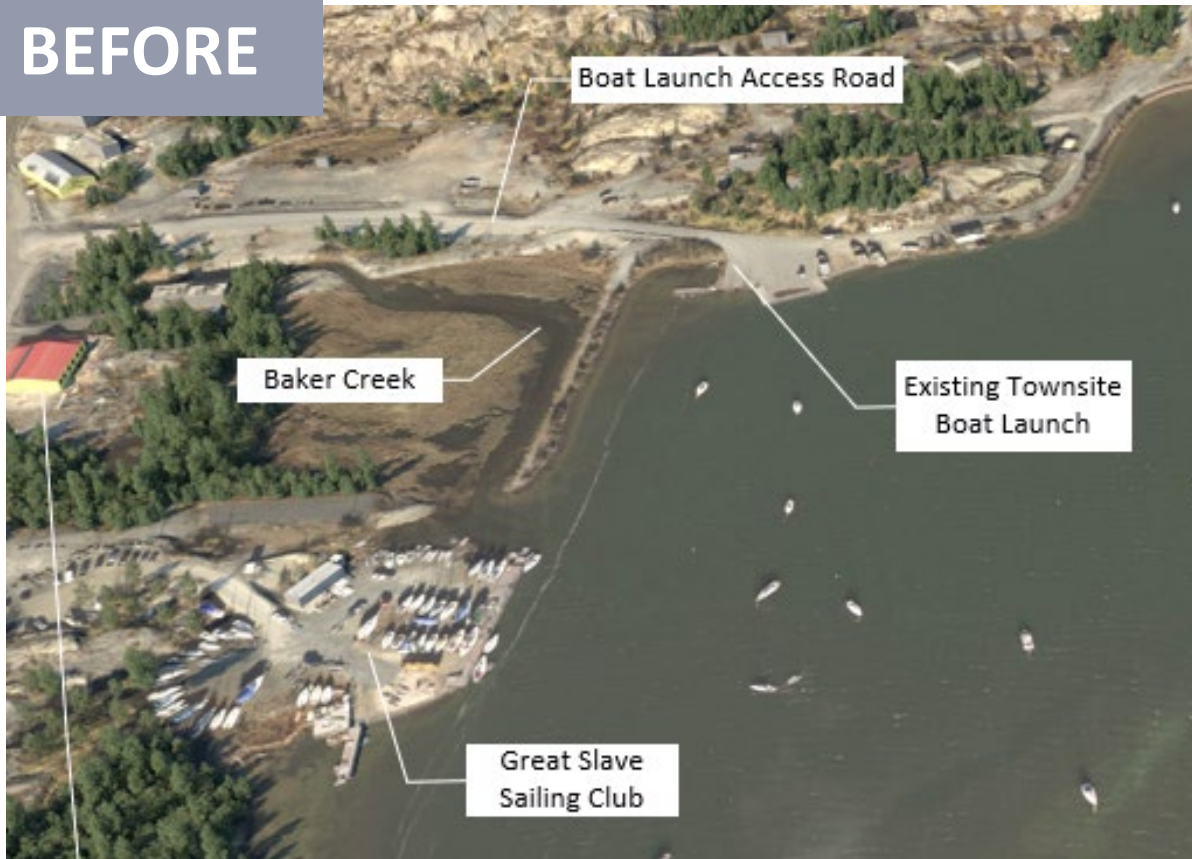
Baker Creek

2029 to 2038



Baker Creek Shoreline

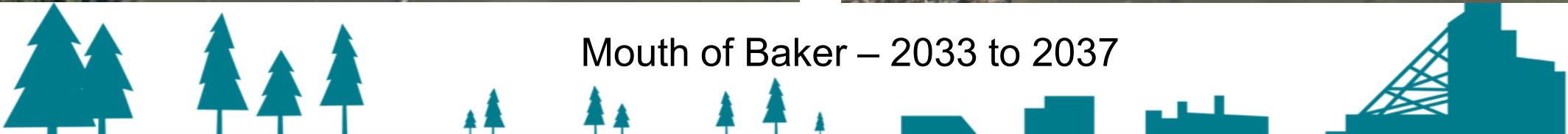
BEFORE



AFTER



Mouth of Baker – 2033 to 2037

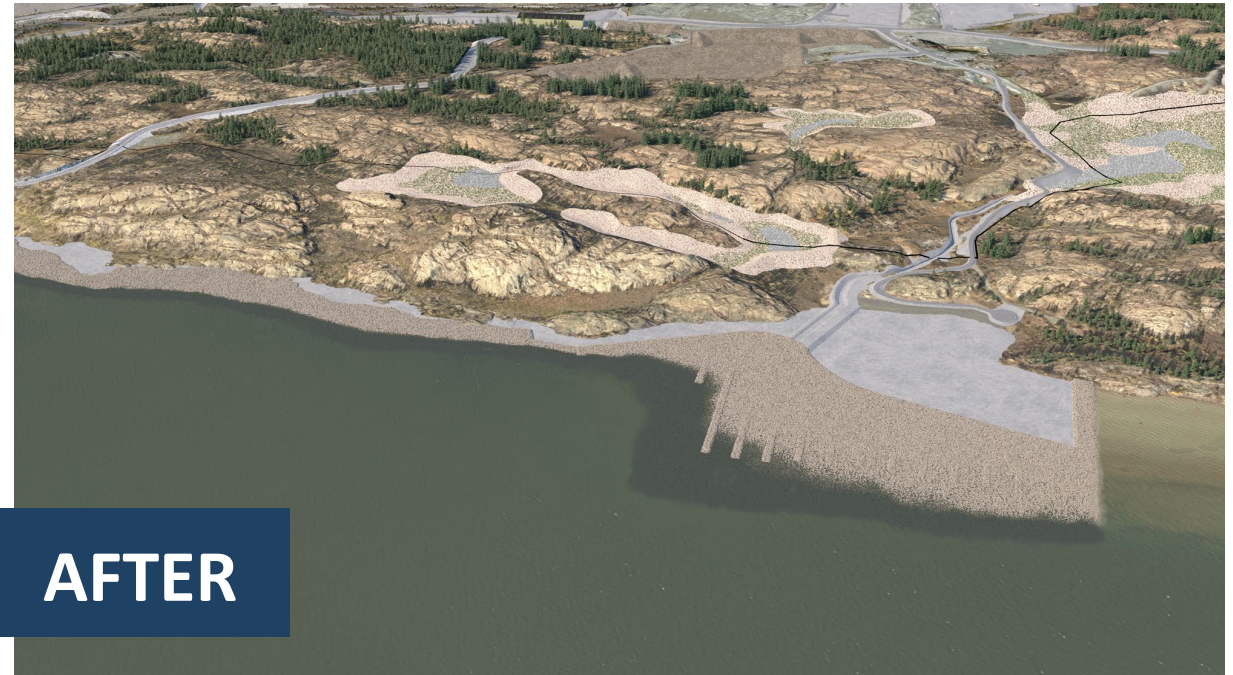


YK Bay



BEFORE

2029 - 2033



AFTER



Giant Mine Shoreline



2028 to 2038

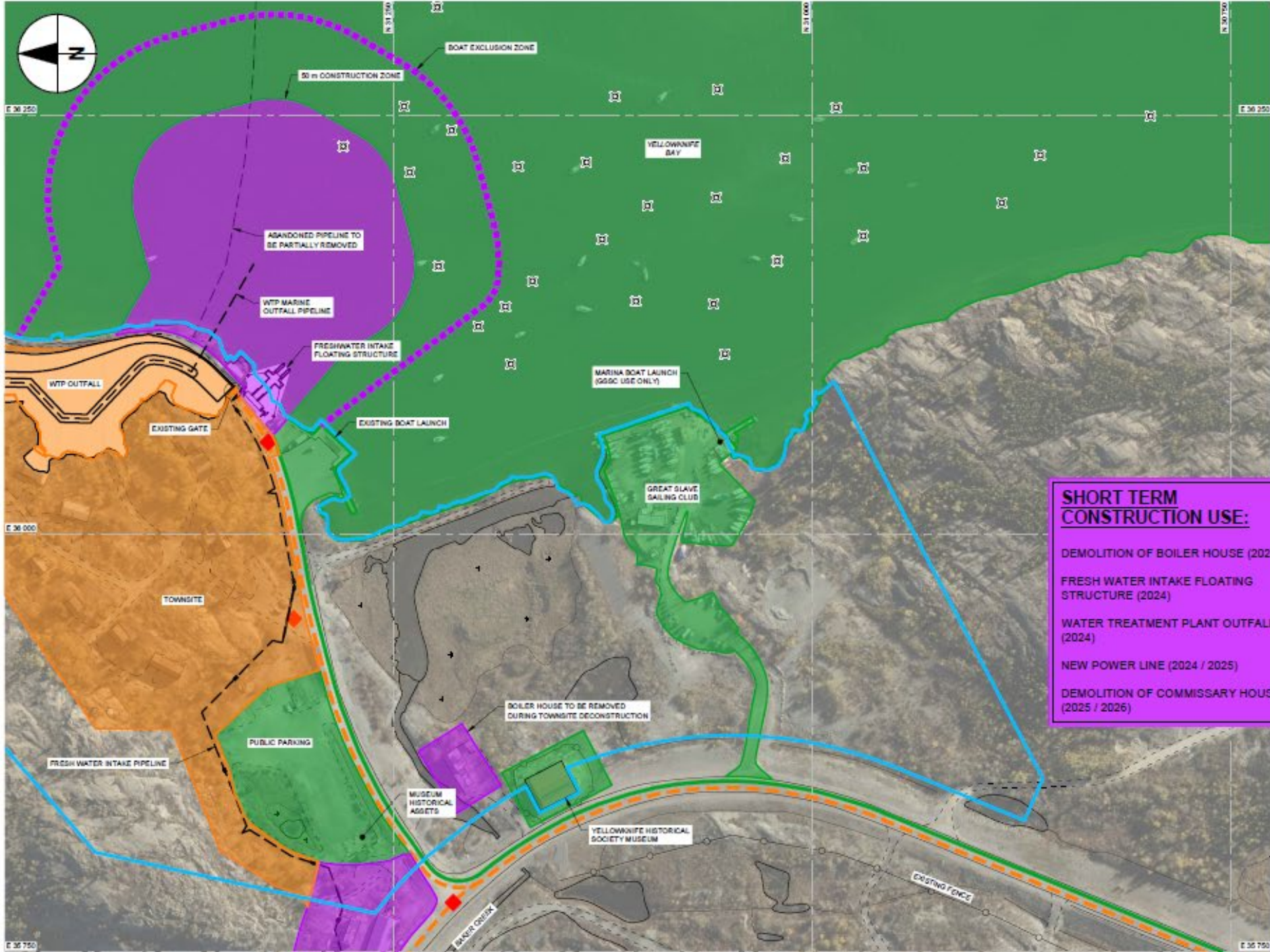




What is the timing for the **Public Use** Area?



Phase 1: Present to July 2028 (subject to change)



LEGEND:

- TOWNSITE BOUNDARY
- EXISTING FENCE
- PROPOSED OVERHEAD POWER
- PUBLIC USE ROADWAY
- CONSTRUCTION USE ROADWAY
- SHORT TERM BOAT EXCLUSION ZONE
- BOAT EXCLUSION ZONE
- PUBLIC / LEASEHOLDER ACCESS / USE
- ACTIVE CONSTRUCTION
- CONSTRUCTION SHORT TERM USE
- NEW GMRP BUILT INFRASTRUCTURE
- TRAFFIC CONTROL
- MOORING LOCATION

SHORT TERM CONSTRUCTION USE:

- DEMOLITION OF BOILER HOUSE (2022)
- FRESH WATER INTAKE FLOATING STRUCTURE (2024)
- WATER TREATMENT PLANT OUTFALL (2024)
- NEW POWER LINE (2024 / 2025)
- DEMOLITION OF COMMISSARY HOUSE (2025 / 2026)

CONSTRUCTION ACTIVITIES:

- TOWNSITE DEMOLITION.
- FRESH WATER INTAKE CONSTRUCTION.
- WATER TREATMENT PLANT, INCLUDING OUTFALL.
- NEW POWER LINE.

PROJECT

Giant Mine Remediation Project

TITLE

PHASE 1:
EXISTING BOAT LAUNCH AND SAILING CLUB
REMAIN OPERATIONAL














PROponent



Crown-Indigenous Relations Relations Couronne-Autochtones

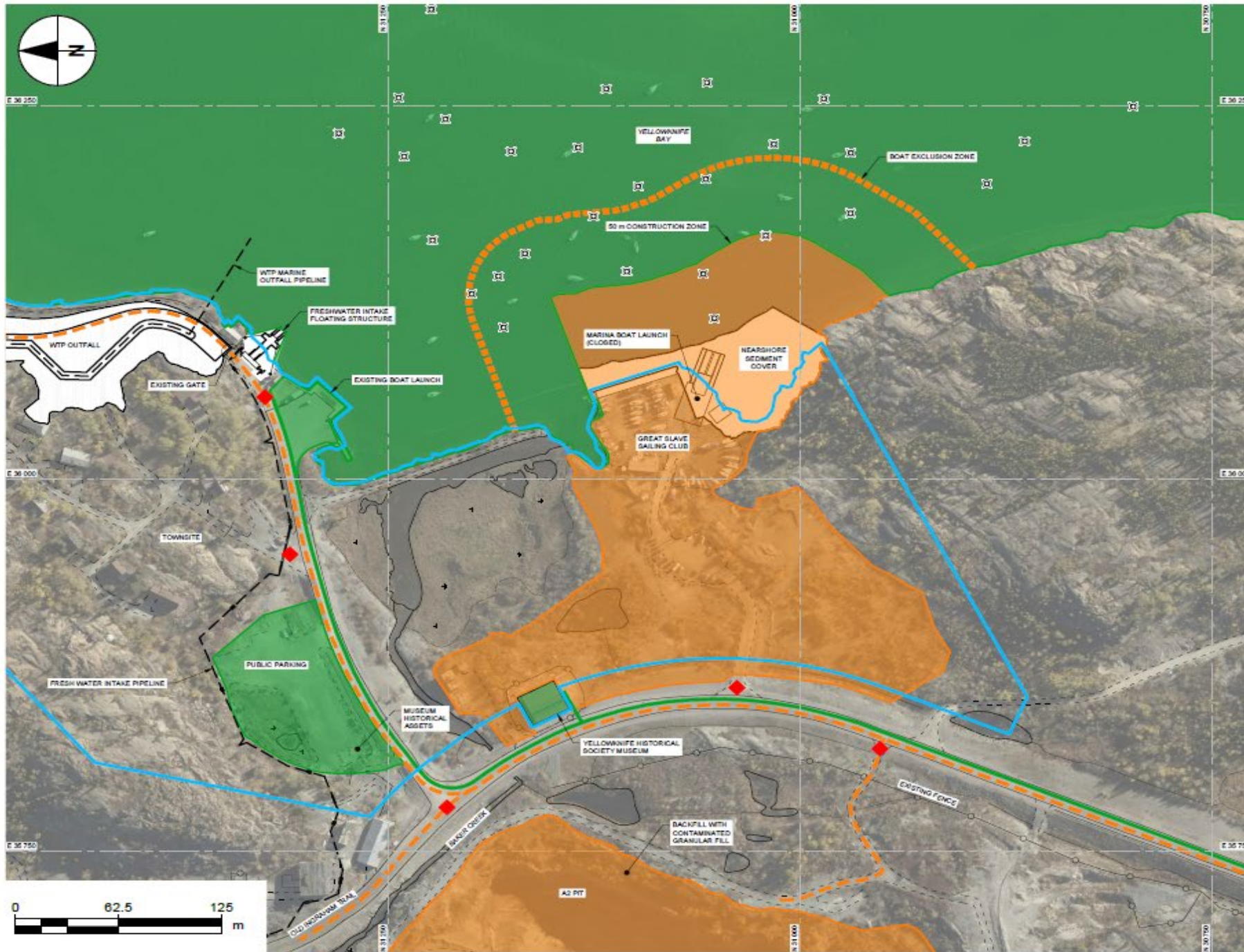
Phase 2: July 2028 to May 2030 (subject to change)

LEGEND:

-  TOWNSITE BOUNDARY
-  EXISTING FENCE
-  PROPOSED OVERHEAD POWER
-  PUBLIC USE ROADWAY
-  CONSTRUCTION USE ROADWAY
-  SHORT TERM BOAT EXCLUSION ZONE
-  BOAT EXCLUSION ZONE
-  PUBLIC / LEASEHOLDER ACCESS / USE
-  ACTIVE CONSTRUCTION
-  CONSTRUCTION SHORT TERM USE
-  NEW GMRP BUILT INFRASTRUCTURE
-  TRAFFIC CONTROL
-  MOORING LOCATION

CONSTRUCTION ACTIVITIES:

- REMOVE CONTAMINATED SOILS AND BURIED WASTE (IF ENCOUNTERED) IN SAILING CLUB AREA.
- REMOVE TIMBER DECK STRUCTURE.
- CONSTRUCT NEW BOAT LAUNCH, FLOATING DECK, TIMBER DECK AND TIMBER STRUCTURE.
- DREDGE TO REMOVE CONTAMINATED SOILS AND PLACE NEARSHORE SEDIMENT COVER SOUTH OF BAKER CREEK MOUTH.
- RECONSTRUCT SAILING CLUB ACCESS ROADWAY AND NEW PARKING.
- A2 PIT BACKFILL WITH CONTAMINATED SOIL.



PROJECT 

TITLE
**PHASE 2:
EXISTING BOAT LAUNCH IS OPEN
ACTIVE CONSTRUCTION IN THE SAILING CLUB AREA**

PROPOSITOR
 Crown-Indigenous Relations and Northern Affairs Canada Relations Couronne-Autochtones et Affaires du Nord Canada



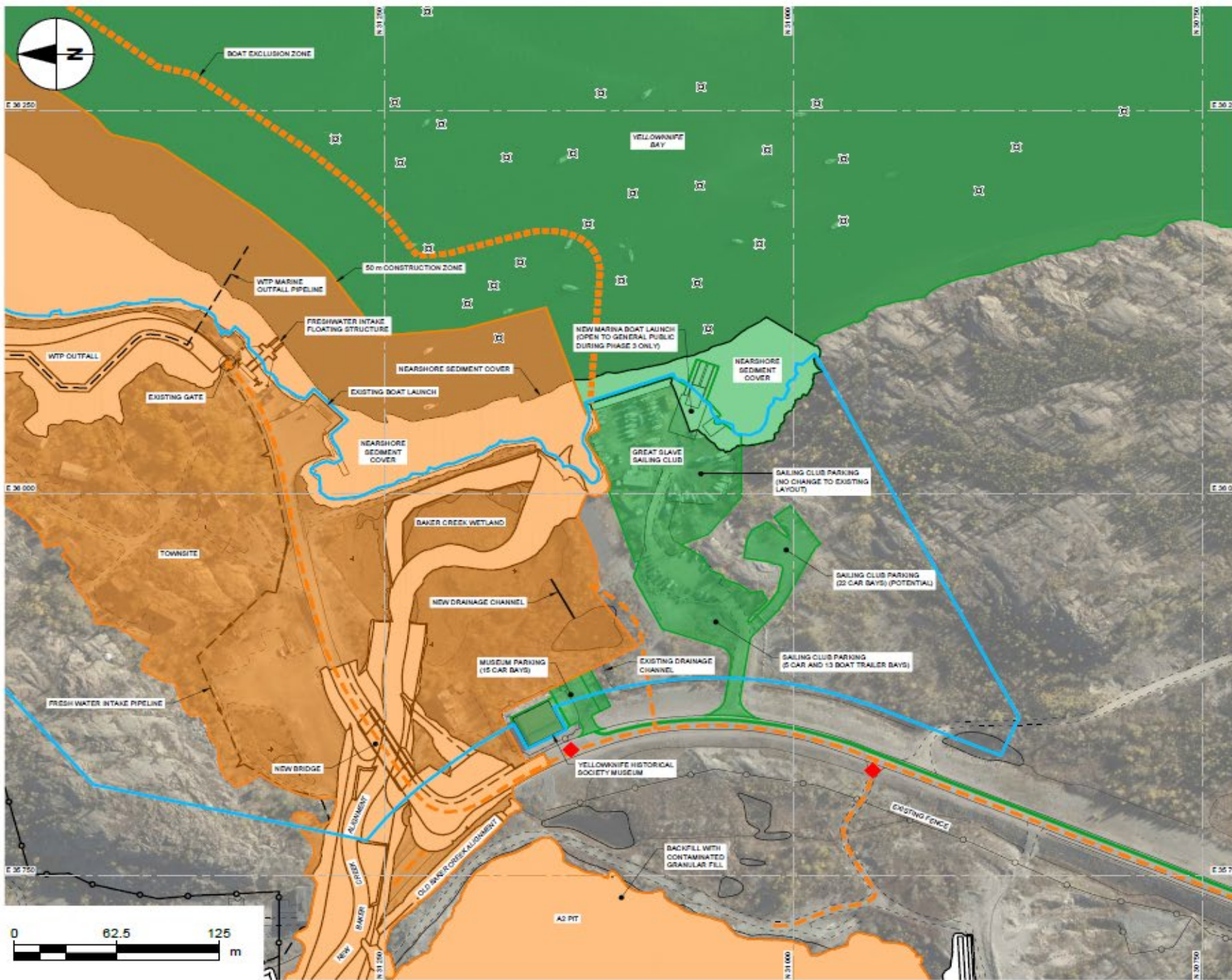
YYYY-MM-DD	2022-08-30
DESIGNED	E. Poulin
PREPARED	C. Eros
REVIEWED	
APPROVED	

REV. D

FIGURE 2

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Phase 3: May 2030 to June 2038 (subject to change)



LEGEND:

- TOWNSITE BOUNDARY
- EXISTING FENCE
- PROPOSED OVERHEAD POWER
- PUBLIC USE ROADWAY
- CONSTRUCTION USE ROADWAY
- SHORT TERM BOAT EXCLUSION ZONE
- BOAT EXCLUSION ZONE
- PUBLIC / LEASEHOLDER ACCESS / USE
- ACTIVE CONSTRUCTION
- CONSTRUCTION SHORT TERM USE
- NEW GMRP BUILT INFRASTRUCTURE
- TRAFFIC CONTROL
- MOORING LOCATION

CONSTRUCTION ACTIVITIES:

- REHABILITATE EXISTING BOAT LAUNCH.
- COMPLETE DREDGING AND PLACE NEARSHORE SEDIMENT COVER.
- TOWNSITE CONTAMINATED SOIL EXCAVATION.
- BAKER CREEK REACH 1 BYPASS AND CONTAMINATED SEDIMENT REMOVAL.
- BRIDGE AND ROADWAY CONSTRUCTION.
- BAKER CREEK REACH 0 CONSTRUCTION AND REVEGETATION.
- BREAKWATER REMEDIATION.

PROJECT

Giant Mine Remediation Project

TITLE
PHASE 3: REMEDIATED SAILING CLUB AND NEW BOAT LAUNCH OPERATIONAL AND ACTIVE CONSTRUCTION IN EXISTING BOAT LAUNCH AREA

PROponent

Crown-Indigenous Relations and Northern Affairs Canada / Relations Couronne-Autochtones et Affaires du Nord Canada



YYYY-MM-DD	2022-08-30
DESIGNED	E. Poulin
PREPARED	C. Erso
REVIEWED	
APPROVED	

REV. D FIGURE 3

C:\Users\jcalderon\Documents\Projects\Giant Mine Remediation\Phase 3\Phase 3 Construction Activities\Phase 3 Construction Activities - 010003.dwg



Socio-Economics

Employment, Training and Contracting





JOBS

Indigenous **employment**,
on-site, averaging at 21%

Indigenous Target: 25 – 35%

Northern **employment**,
on-site, averaging at 45%

Northern Target: 55 – 70%



TRAINING

- **Northern training**, on-site, averaging at 78%
- **Indigenous training**, on-site, averaging at 52%
- Target for employment focuses on supporting apprentices and issuing scholarships
- GMRP now issues an annual scholarship of \$5,000 to YKDFN via CBA

Training Targets:

- A minimum of 10 apprentices supported
- 1 scholarship issued per year for Project's lifetime



CURRENT CONTRACTS WITH NORTHERN BUSINESSES

Care and Maintenance

- *Underground*: Det'on Cho and Procon JV, \$32.1M (5 years)
- *Surface*: Det'on Cho and Nuna JV, \$12.6M (2 years)

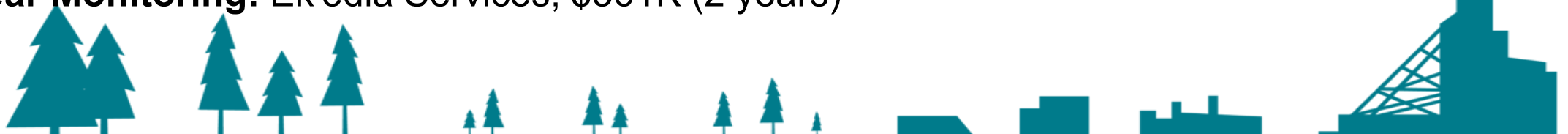
Townsite Deconstruction: Metcor and QM Environmental JV, \$6.1M (1 year)

Site Security: Det'on Cho JV, \$3.3M (3 years)

Emergency Medical Services: Det'on Cho JV, \$1.8M (5 years)

Surface Water and Groundwater Monitoring: BluMetric Environmental and True North Environmental JV, \$1.4M (2 years)

Bear Monitoring: Ek'edia Services, \$361K (2 years)



CURRENT CONTRACTS WITH NORTHERN BUSINESSES

Laboratory Services (Medical): ALS Environmental, \$1.2M (5 years)

Domestic Waste Disposal: Kavanaugh Bros, \$685K (2 years)

Laboratory Services (ETP and Pilot Plant): Taiga Environmental Laboratory, \$425K (5 years)

Site Wide Surveying: Det'on Cho JV, \$309K (< 1 year)

Since 2017, Parsons issued 64 subcontracts with a value of over \$189M. Of that contract value, 84% went to Northern companies.



UPCOMING CONTRACTS – 2023

Water Treatment Plant

Surface Care and Maintenance

Site Security

Legacy Debris Piles

Investigative Drilling Program

Environmental Master Service Agreement

Sample Drilling Program

High Voltage Electrical Services

Website:

<https://giantminerp.ca/>



Mahsi Cho



Socio-Economic Activity Highlights

(up to 30 December 2022)

- From 2005 to December 2022, under the Giant Mine Remediation Project, out of a total of approximately **\$655 million** (representing 159 contracts) contract values awarded, **\$331 million** (or **51%**) (representing 53 contracts) went to Indigenous contractors.
- In 2021 - 22 fiscal year, provided **\$807,649** in funding, via Contribution Agreements, to positions within the Yellowknives Dene First Nation, North Slave Métis Alliance, City of Yellowknife, and Alternatives North.
- In 2021 - 22 fiscal year, provided **\$771,516** in funding, via Contribution Agreements, to the Yellowknives Dene First Nation, Tłıchq Government and City of Yellowknife for programs and professional development; and,
- In 2021 – 22 fiscal year, provided **\$986,541** in funding on other programs, socio-economic development and engagement activities to the Yellowknives Dene First Nation and North Slave Métis Alliance.
- In 2021 – 22 fiscal year, a total of **\$66,456** has been issued as bonus and a total of **\$88,989** as penalties to sub-contractors.
- Parsons held a 2-day **Business Preparedness Conference** (Industry Day) from November 1 - 2 to share details on upcoming contracts on the site from 2023 – 2024 with the local business community.
- **Socio-Economic Working Group** is made up of federal, territorial, municipal and Indigenous partners; its purpose is to coordinate implementation of socio-economic activities. To date, held **31 meetings**.
- **Socio-Economic Advisory Body** is made up of senior-level federal, territorial, municipal and Indigenous partners; its role is to provide advice and guidance on socio-economic aspects of the project and assist in raising potential organizational barriers to successful implementation. To date, held **10 meetings**.



Contract Summary

(up to 30 December 2022)

Main Construction Manager: in December 2019, Parsons contract was extended by a two-year period to continue as the MCM¹. Parsons is currently in Term 1 of their contract and during this term they are responsible for site care and maintenance and emerging risks on site, engineering constructability reviews, and supporting planning efforts for the full remediation in Term 2 (estimated to span from 2023y to 2038). As the MCM, Parsons uses **Indigenous Opportunities Considerations (IOC)**² and **Procurement Strategy for Indigenous Businesses (PSIB)**³ tools to maximize Indigenous socio-economic benefits when hiring sub-contractors to perform remediation activities⁴.

Northern Indigenous

- **Early Works Backfill:** current contract value **\$39,208,319** awarded to Nahanni Construction Ltd. via **PSIB** competitive tender process for the period of July 31, 2021 to September 30, 2022, and further extended to November 30, 2022.
- **Underground Care and Maintenance:** current contract value **\$32,175,520** awarded to Det'on Cho Procon Joint Venture for the period of June 15, 2018 to March 31, 2020, and further extended to March 31, 2023.
- **Surface Care and Maintenance:** current contract value **\$12,652,324** awarded to Det'on Cho Nuna Joint Venture via **PSIB** competitive tender process for the period of April 1, 2021 to March 31, 2023.
- **AR1 Freeze Program:** current contract value **\$7,164,238** awarded to DJRM First Nations Construction Corporation via **PSIB** competitive tender process for the period of August 4, 2021 to July 28, 2022, and further extended to November 30, 2022.
- **Off-Site Borrow:** current contract value **\$6,264,829** awarded to CJ Contracting, North Country Logistics, and Ace Enterprises Ltd. via a Standing Offer for the period of June 30, 2021 to September 30, 2021, and further extended to December 31, 2022.
- **Townsite Deconstruction:** current contract value **\$6,108,629** awarded to Metcor & QM Environmental Joint Venture via **PSIB** competitive tender process for the period of June 6, 2022 to September 6, 2023.
- **Site Security:** current contract value **\$3,356,026** awarded to Det'on Cho Scarlet Security Ltd. Joint Venture for the period of April 1, 2020 to March 31, 2022, and further extended to March 31, 2023.
- **Emergency Medical Services:** current contract value **\$1,872,294** awarded to Det'on Cho Medic North Joint Venture for the period of June 15, 2018 to March 31, 2020, and further extended to March 31, 2023.

¹ Original MCM contract was awarded to Parsons in December 2017.

² Indigenous Opportunities Considerations are point-rated contract criteria that include factors like Indigenous training, employment and sub-contracting.

³ Procurement Strategy for Aboriginal Businesses is a government-wide policy intended to support and foster economic growth in the Aboriginal business sector through greater participation in government procurement.

⁴ For more information on recently awarded and upcoming contract opportunities please visit: www.giantminer.ca



GIANT MINE REMEDIATION PROJECT

- **South Pond Dewatering Trial:** current contract value **\$1,774,350** awarded to Nahanni Construction Ltd. for the period of August 22, 2022 to September 30, 2022, and further extended to November 2022.
- **Landfill Operation:** current contract value **\$1,686,590** awarded to True North Environmental Ltd. for the period of June 6, 2022 to October 31, 2022, and further extended to November 30, 2022.
- **3rd Party Independent Testing:** current contract value **\$1,168,678** awarded to Det'on Cho Environmental for the period of August 20, 2021 to March 31, 2022.
- **Bear Monitoring:** current contract value **\$361,300** awarded to Ek'edia Services for the period of May 12, 2021 to October 1, 2021, and further extended to October 1, 2023.
- **Site Wide Surveying:** current contract value **\$309,500** awarded to Det'on Cho Challenger Geomatics for the period of January 1, 2022 to October 31, 2022.

Northern Non-Indigenous

- **Surface Water and Groundwater Monitoring:** current contract value **\$1,488,803** awarded to BluMetric Environmental and True North Environmental Joint Venture for the period of April 1, 2021 to March 31, 2023.
- **Laboratory Testing Services (Medical Monitoring):** current contract value **\$1,262,095** awarded to ALS Environmental for the period of June 25, 2018 to March 31, 2020, and further extended to March 31, 2023.
- **Domestic Waste Disposal:** current contract value **\$685,100** awarded to Kavanaugh Bros for the period of June 23, 2021 to September 30, 2022, and further extended to September 30, 2023.
- **Tailings Dust Suppressant:** current contract value **\$537,922** awarded to ALX Exploration Services for the period ending March 31, 2022.
- **Laboratory Testing Services (ETP and Pilot Plant):** current contract value **\$425,334** awarded to Taiga Environmental Laboratory for the period of June 20, 2018 to March 31, 2020, and further extended to March 31, 2023.
- **Website Development:** current contract value **\$37,479** awarded to Outcrop Communications for the period of April 10, 2018 to March 31, 2020, and further extended to March 31, 2023.

Southern

- **Ambient Air Quality Monitoring:** current contract value **\$4,251,555** awarded to SLR Consulting (Canada) Ltd for the period of April 1, 2021 to March 31, 2023.
- **Road Dust Suppressant:** current contract value **\$479,976** awarded to LandLoc Environmental Products via a Standing Offer for the period of May 1, 2021 to March 31, 2022.



GIANT MINE REMEDIATION PROJECT

Recently Completed Work Packages

Below is a breakdown of work packages completed in the current and previous fiscal years. Work packages that have not had their final contract values adjusted are also included.

Northern Indigenous

- **Aquatic Biological Services:** current contract value **\$654,642** awarded to Det'on Cho Environmental for the period of August 25, 2021 to October 31, 2021, and further extended to October 31, 2022.
- **Surface Care and Maintenance:** current contract value **\$12,652,324** awarded to Det'on Cho Nuna Joint Venture via **PSIB** competitive tender process for the period of June 15, 2018 to March 31, 2020, and further extended to March 31, 2021.
- **Non-hazardous Waste Landfill:** current contract value **\$6,909,925** awarded to Forward Mining LP via **PSIB** competitive tender process. Work to start on June 9, 2021 and anticipated completion date is October 31, 2021.
- **Early Works Drilling (aka Underground Stabilization and Monitoring):** current contract value **\$5,524,773** awarded to Nahanni Construction Ltd. for the period ending July 31, 2021.
- **Effluent Treatment Plant (ETP) Operations:** current contract value **\$3,779,199** awarded to Det'on Cho Construction Services and BluMetric Environmental Inc. Joint Venture for the period of May 17, 2021 to October 31, 2021.
- **Winter Investigation Drilling:** current contract value **\$2,968,416** awarded to Earth Drilling Company and Det'on Cho Management LP., Joint Venture for the period of March 1, 2021 to July 31, 2021.
- **Effluent Treatment Plant (ETP) Operations:** current contract value **\$1,787,334** awarded to Det'on Cho Construction Services and BluMetric Environmental Inc. Joint Venture for the period of May 27, 2020 to October 31, 2020.
- **Site Security:** contract value **\$1,767,306** awarded to Det'on Cho Scarlet Security Ltd. Joint Venture via **PSIB** competitive tender process for the period of June 15, 2018 to March 31, 2020.
- **Security Fencing:** final contract value **\$259,360** awarded to Paul Bros Nextreme Inc via **PSIB** competitive tender process for the period of March 11, 2019 to May 15, 2019.
- **Materials (Aggregate):** final contract value **\$198,296** awarded to Det'on Cho Landtran Transport Ltd., for the period of July 5, 2019 to March 31, 2020.
- **Northwest Pump Re-installation:** current contract value **\$197,238** awarded to Nahanni Construction Ltd. for the period of June 21, 2021 to July 26, 2021.
- **Bear Monitoring:** current contract value **\$54,633** awarded to Det'on Cho Scarlet Security Services for the period of September 14, 2020 to October 31, 2020.

Northern non-Indigenous

- **Bird Deterrents:** current contract value **\$79,684** awarded to Kavanaugh Bros for the period of March 4, 2022 to October 31, 2022.

Southern

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- **Ambient Air Quality Monitoring** (novated from PSPC to Parsons): current contract value **\$9,030,353** awarded to SLR Consulting (Canada) Ltd for the period of June 5, 2014 to December 31, 2019.
- **Ambient Air Quality Monitoring**: current contract value **\$4,251,555** awarded to SLR Consulting (Canada) Ltd for the period of January 1, 2019 to March 31, 2021.
- **ETP Operations**: current contract value **\$3,034,199** awarded to Pure Elements Environmental Solutions for the period of June 15, 2018 to March 31, 2020.
- **Tailings Rehabilitation Drilling**: current contract value **\$2,027,204** awarded to Boart Longyear Canada for the period of March 29, 2019 to March 31, 2020. Final contract value will be adjusted based on close out documentation.
- **Surface and Groundwater Monitoring**: current contract value **\$1,393,882** awarded to Dillon Consulting for the period of May 6, 2019 to March 31, 2020, and further extended to March 31, 2021.
- **Dam 1 Stabilization (Thermosyphon Installation)**: current contract for **\$844,650** awarded to Arctic Foundations of Canada for the period of September 14, 2020 to November 30, 2020.
- **Dam 1 Stabilization (Drilling)**: current contract value **\$793,445** awarded to Boart Longyear Canada for the period of October 3, 2020 to December 16, 2020.
- **Materials (Sulphate)**: final contract value **\$382,881** awarded to Univar Canada for the period of September 11, 2019 to December 31, 2019.
- **Materials (Lime)**: contract value **\$151,225** awarded to Univar Canada for the period of August 6, 2019 to December 31, 2019.
- **Northwest Pump – Electrical Commissioning**: current contract value **\$41,706** awarded via sole source to Purcee Electric on April 16, 2021.
- **Northwest Pump 201 Replacement**: current contract value **\$31,750** awarded to Baker Hughes Canada Company on May 11, 2021

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GCDOCS # 88836650

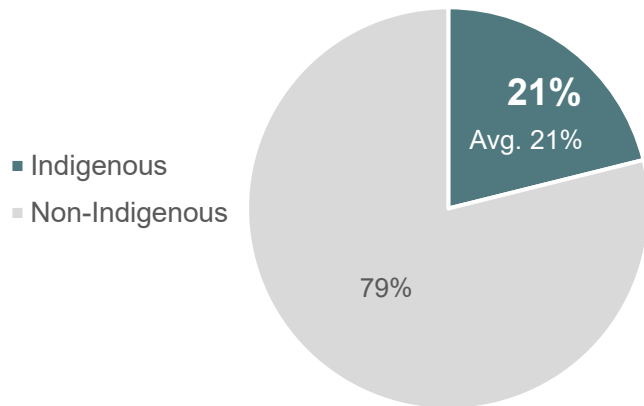


GIANT MINE REMEDICATION PROJECT

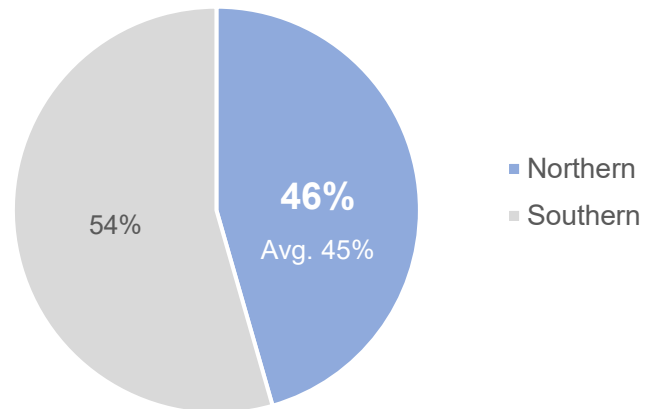
Socio-Economic Performance 2021 - 2022⁵

Employment⁶

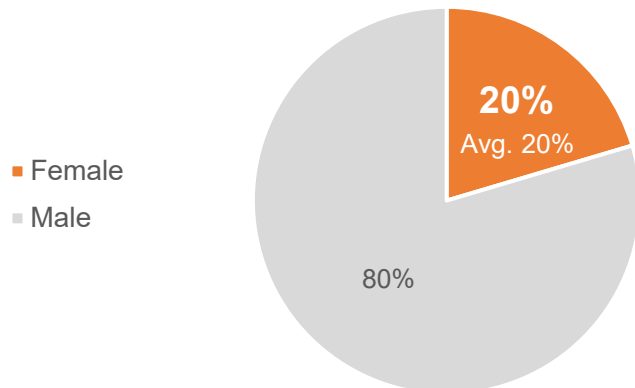
**Indigenous Workforce
Representation 2021 - 2022**



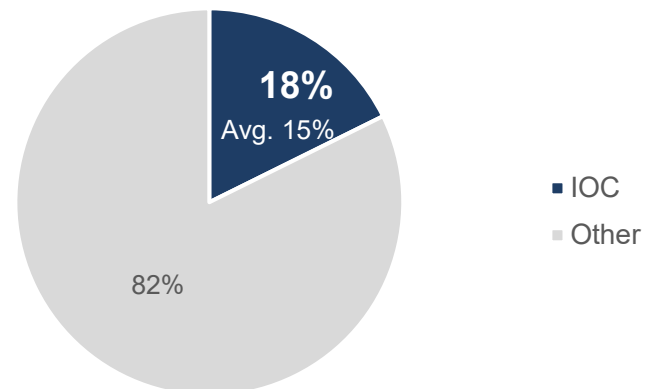
**Northern Workforce
Representation 2021 - 2022**



**Female Workforce
Representation 2021 - 2022**



**Indigenous Opportunities
Consideration Workforce
Representation 2021 - 2022³**



⁵ Data is derived from Giant Mine Remediation Project's contracts, Main Construction Manager's (Parsons) and its sub-contractors'.

⁶ Average for Indigenous workforce representation is since 2006; Averages for Northern, Female and IOC workforce representation are since 2013.

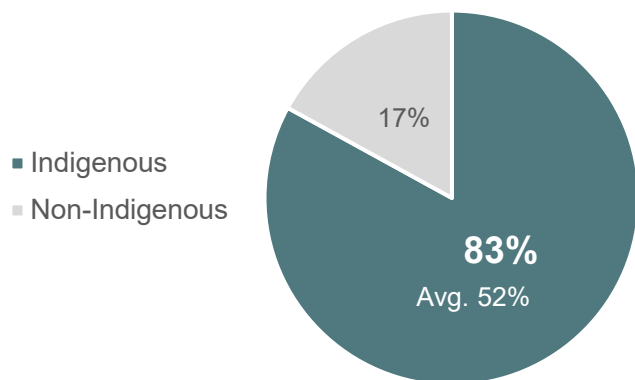
³ The Indigenous Opportunities Consideration area of the contract is within both Mōwhì Gogha Dè Nīitâèè, as defined in the Tlìcho Land Claims and Self-Government Agreement, and the Akaitcho Asserted Territory, as defined in the Akaitcho Interim Measures Agreement.



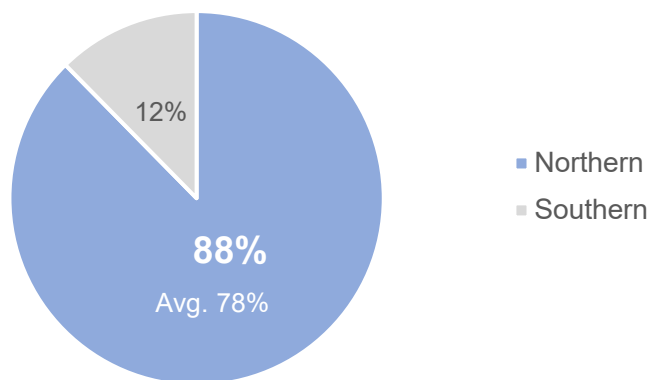
GIANT MINE REMEDIATION PROJECT

Training⁸

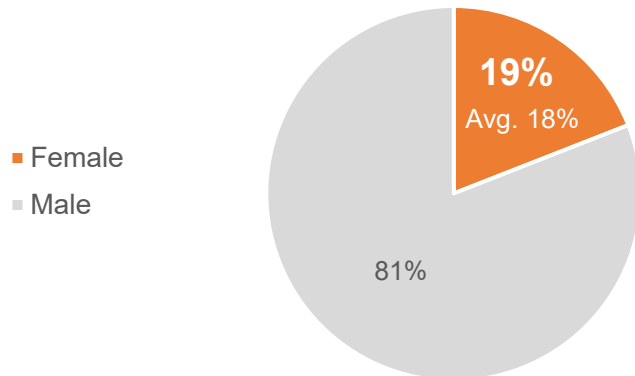
Indigenous Training Hours Representation 2021 - 2022



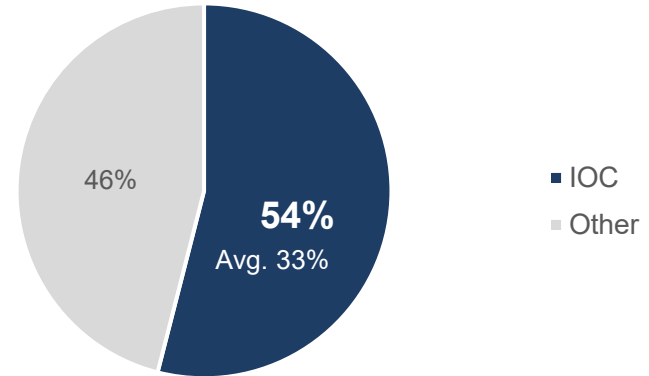
Northern Training Hours Representation 2021 - 2022



Female Training Hours Representation 2021 - 2022



Indigenous Opportunities Consideration Training Hours Representation 2021 - 2022



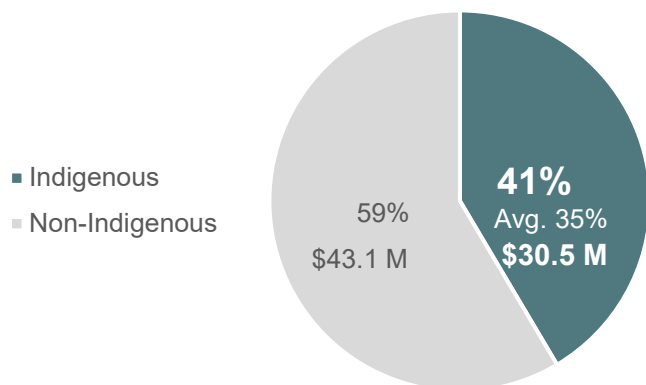
⁸ Averages for Indigenous, Northern, Female and IOC training hours representation are since 2015.



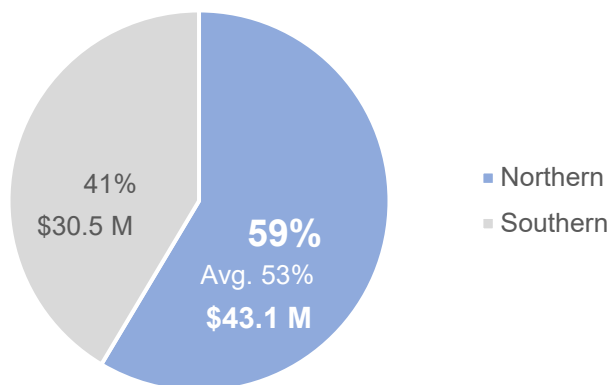
GIANT MINE REMEDIATION PROJECT

Procurement⁹

Indigenous Contracts Awarded 2021 - 2022



Northern Contracts Awarded 2021 - 2022



Want to learn more? Here's how:

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Talk to us: (867) 669-2426

Come see us: 3rd floor, Gallery Building, 4923 52 Street, Yellowknife

Join the newsletter mail out list at aandc.giantmine.aandc@canada.ca

⁹ Average for Indigenous and Northern contracts awarded are since 2015.

