PARSONS

INDUSTRY DAY 2025 – DAY 1

Giant Mine Remediation Project (GMRP)

Parsons' Main Construction Manager (MCM) Team
November 4, 2025

TRADITIONAL TERRITORY ACKNOWLEDGEMENT

Parsons acknowledges that the Giant Mine site is located in Chief Drygeese Territory. From time immemorial, it has been and is the traditional land of the Yellowknives Dene First Nation. The Giant Mine site is also within the Mǫwhì Gogha Dè Nıı̨tłèè boundary as defined in the Tłı̨chǫ Land Claim and Self Government Agreement and on the traditional homelands of the North Slave Métis Alliance. The Giant Mine Remediation Project respects the histories, languages, and cultures of First Nations, Métis, Inuit, and all First Peoples of Canada

Purpose of Industry Day

Parsons, as the Main Construction Manager (MCM) for the Giant Mine Remediation Project (GMRP), is acting as the Prime Contractor and Mine Manager.

Parsons is committed to ensuring procurement is conducted in a fair, open, and transparent manner while addressing Comprehensive Land Claim Agreement (CLCA) obligations and the Government of Canada's procurement objectives regarding Indigenous opportunities.

Parsons will be providing an opportunity for potential bidders to learn about upcoming solicitations and to explain how things happen on site.

AGENDA

Day 1 – November 4, 2025

- Introduction to Parsons
- CIRNAC Site Updates
- Water Treatment Plant Operations
- Wood Pellet Supply
- Surface Care and Maintenance
- Parsons Health and Safety Program
- B1 Pit
- Indigenous Opportunities Considerations Program
- Wrap up and next day preview

INTRODUCTION TO PARSONS AND GMRP TEAM

PARSONS

Parsons is the Main Construction Manager (MCM) and Mine Manager

1. **Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)**, as the site owner, has the mandate to meet the Government of Canada's obligations and commitments to First Nations, Inuit, and Métis and for fulfilling the federal government's constitutional responsibilities in the North.

2. **Public Services and Procurement Canada (PSPC)** serves as the contracting authority for Parsons and other government contracts supporting the Giant Mine Remediation Project (GMRP). PSPC is committed to advancing the Government of Canada's social and economic objectives, including increasing the participation of Indigenous businesses and supporting the growth of their capacity within the industry.

PARSONS

3 **Parsons** will complete the project in accordance with the approved remediation plan and any associated authorizations and ongoing responsibility for overall site control, including overall health and safety at the site.

4 **Parsons** will work with Indigenous, northern, and local businesses to facilitate teaming with larger companies to pursue the work on Giant Mine where possible or feasible.

5 **Parsons** is the Mine Manager, as defined by the Northwest Territories Mine Health and Safety Act (MHSA). We will protect the health and safety of employees and other persons at the mine and conduct care and maintenance and environmental monitoring activities to ensure the site remains in regulatory compliance during remediation.

PARSONS CANADA, INC.

Parsons has been contributing to major infrastructure projects across Canada since the 1940's. Across the country, our teams are on the cutting edge of infrastructure engineering, and have helped design and build many of the country's well-known landscapes, including the Regina Bypass, Turcot Exchange, Kicking Horse Canyon, Olivier-Charbonneau Bridge, Gordie Howe International Bridge, Highway 401, Gardiner Expressway Rehabilitation Project, Highway 400 & Major Mackenzie Drive, and La Fontaine Tunnel. Our experts have also worked with transit agencies around the country, helping the Toronto Subway, GO Transit network, Vancouver SkyTrain and the Edmonton Light Rail Transit improve mobility in their communities.

Our Canada team works across multiple provinces with engineers, project controllers, architects, technical staff, and project management professionals located in Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Northwest Territories, Nova Scotia, and the Yukon.

We deliver expertise across multiple disciplines, including:

- Design Build and Alternative Methods (P3s)
- Project Delivery, Program, Project and Construction Management
- Consulting and Planning
- Environmental Planning, Diligence and Renewal
- Operations and Maintenance

GIANT MINE APP

Take a tour around the GMRP.

Giant Mine Remediation Viewer
4+

Clirio Inc.

Iphone Users

GIANT MINE APP

Take a tour around the GMRP.

Giant Mine Remediation Viewer
4+

Clirio Inc.

SOLICITATIONS ON THE MARKET

ON-SITE AGGREGATE PRODUCTION MANAGEMENT

https://giantminerp.ca/notice-contracting-opportunity-site-aggregate-production-management

https://www.merx.com/solicitations/open-bids/Giant-Mine-476721-0078-On-Site-Aggregate-Production-Management/0000306280?origin=0

- **Pre-bid conference: November 26, 2025**
- **Closing date: January 2, 2026**

CIVIL WORKS MASTER SERVICE AGREEMENT REFRESH

https://www.merx.com/solicitations/open-bids/Giant-Mine-476721-0097A-Master-Services-Agreement-Civil-Works-Refresh/0000305932?origin=0

- **Closing date: November 27, 2025**

Giant Mine
Remediation Project

Industry Day - Site Update
November 4 & 5, 2025

Government of Northwest Territories / Gouvernement des Territoires du Nord-Ouest

Canada

Remediation Updates

Water Treatment Plant

- Intake pipeline work nearly complete; final civil touch-ups underway (e.g., road ditching, boulder wall).
- Ongoing internal work in WTP and Biomass buildings:
  - Electrical cable tray + cabling
  - Process piping
  - HVAC + mechanical systems
- Target completion: **Feb 2027**

Remediation Updates

Care and Maintenance

- Effluent Treatment Plant (ETP):
  - Temporary shutdown Aug 21, 2025; restarted Sept 8.
  - Will retreat/test water before final seasonal discharge (date TBD).
- MCM Office complex pad near Brock Gate nearly complete.
- Security + monitoring:
  - Site perimeter camera system now operational.
  - Time-lapse cameras installed and active.

Remediation Updates cont.

Demo and Debris - Core Industrial Area

- Submittals and CEPs ongoing
- Several structures fully deconstructed
- Cyanide contamination in Mill Plant greater than expected
- Staff training and equipment setup for supplied air completed
- Workforce ramp-up in September.
- Prepare for winter shutdown which is expected to be late October to early November and weather dependent

Remediation Updates cont.

Revegetation Test Plots – 1 yr update

- Grass germination was noted in all plots.
- New growth was observed on most trees and shrubs.
- Appears to be excellent growth on willows and alder.
- Site monitoring will continue for 4 more years.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Overview

Operate and maintain the new Class III Water Treatment Plant (WTP) and associated infrastructure that is currently being constructed on site.

WTP operation will be continuous, 24 hours per day, 365 days per year, will run 24/7, with staffing on-Site 10 hours per day.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Overview

Associated infrastructure that requires operation, maintenance, and management includes the following:

- Biomass Boiler Building
- Minewater Intake Wells
- Raw Water Intake and Outfall Lines
- Marine Outfall Appurtenances and Installations
- Overflow Dry Pond
- Process Residual Cell 1 (PRC-1) at the Non-Hazardous Waste Landfill (NHWL)

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Overview

The primary goal of the WTP is to manage the water level of the underground mine pool below arsenic trioxide storage areas. The WTP will be operational for remainder of project. The WTP has been classified as a **Class III WTP.**

It will operate under the Water Licence MV2007L8-0031.

The new WTP will replace the existing Effluent Treatment Plant (ETP), though the ETP will remain on site for the first year of WTP operation.

WATER TREATMENT PLANT OPERATION

Overview – Water Treatment

The WTP is designed for an average flow of 20 L/s, with a minimum of 10 L/s and peak of 30 L/s.

Influent water will be pumped up from two wells located at Giant Mine. The expected influent and treated effluent concentrations are:

Parameter	Unit	Influent		Effluent	
		Avg.	95%	Avg.	Grab
Arsenic	mg/L	28	100	0.01	0.02
Antimony	mg/L	0.6	1.1	0.2	0.3

WTP effluent must meet several effluent quality criteria (EQC) outlined in the Water Licence.

WATER TREATMENT PLANT OPERATION

Overview – Process Residuals

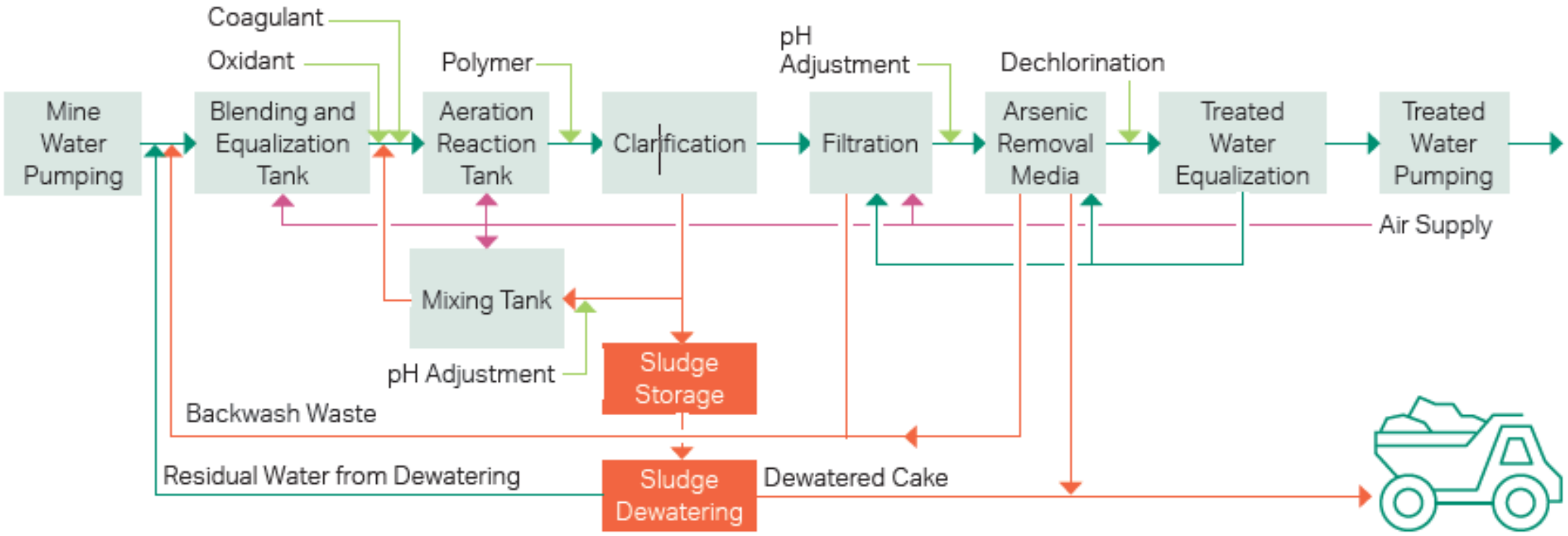
Waste sludge (a process residual) is produced during coagulation/flocculation. Sludge collected from the bottom of the clarifier is combined with a lime slurry and recirculated to the reaction tanks. Excess sludge is directed to a filter press for dewatering.

Arsenic media that is spent is added to the dewatered clarifier sludge. All process residuals will be hauled to the Process Residual Cell 1 (PRC-1) at the Non-Hazardous Waste Landfill (NHWL) located on-Site.

WATER TREATMENT PLANT OPERATION

Overview – Process Flow

Process Flow Diagram:



WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Overview – Closure Objectives

The WTP is required to meet closure objectives pursuant to the Water Licence. Closure objectives have associated operational impacts, sampling and reporting requirements, and action levels.

Closure objectives include:

- Effluent Quality Criteria Compliance
  - WTP O&M Subcontractor (WTPOM) is required to meet EQC parameters in the treated water and monitor water quality to avoid exceedances under normal operation.
- WTP Waste Disposal
  - Spent ion exchange media, sludge, and other process residuals are required to meet 2017 NWT Guidelines for Hazardous Waste Management leachate criteria prior to landfill disposal.
- Management of Minewater Level
  - Maintain minewater level at -77 m amsl with up to 10 m of seasonal variation, with daily monitoring and logging.

WTPOM shall monitor WTP performance and institute a program of continual improvement. Key Performance Indicators (KPIs) will be developed by WTPOM and monitored and reported to ensure compliance and performance.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Scope Delineation

For scope delineation, WTPOM is responsible for the following scope requirements:

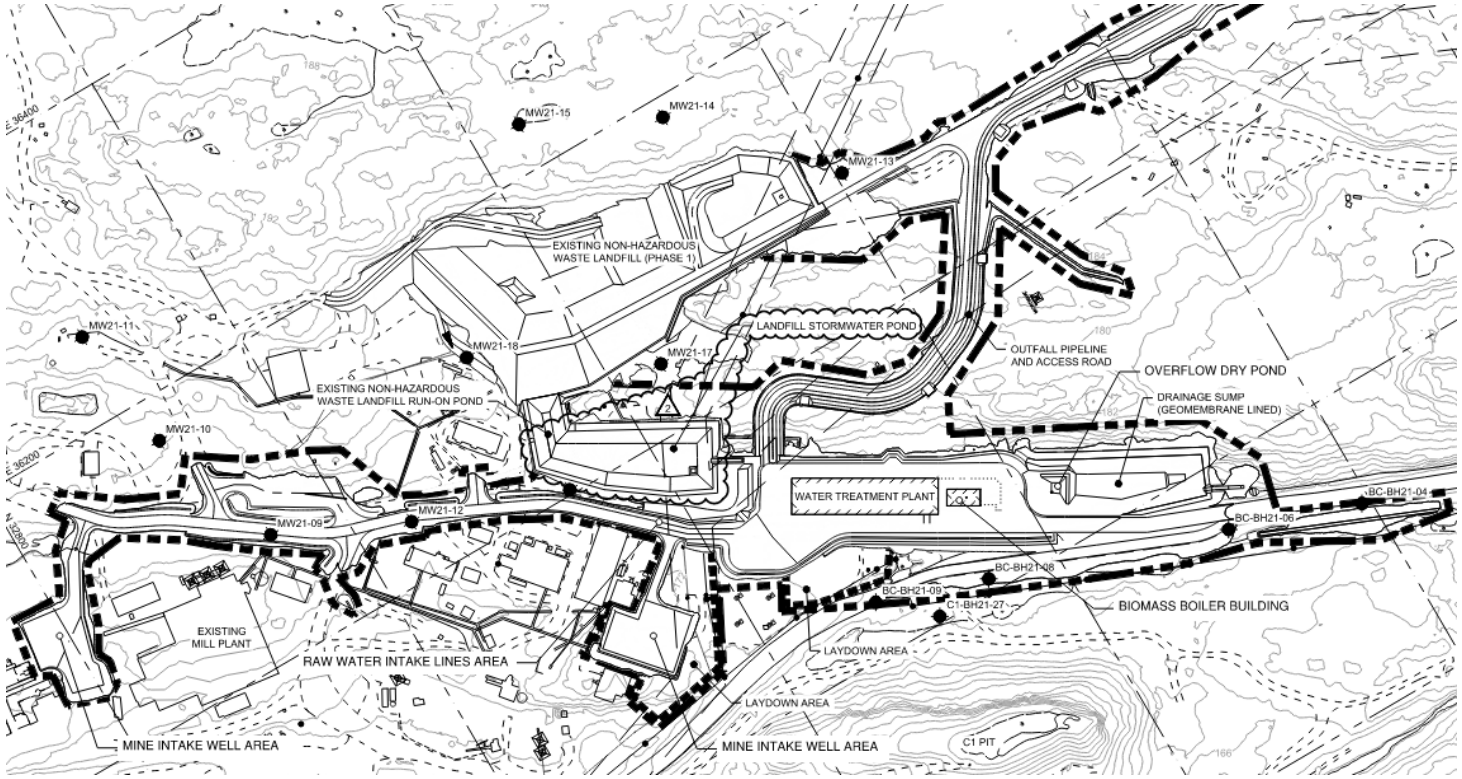
- Procure, receive, and store chemicals and consumables
  - Process chemicals include ferric sulphate, dry polymer, sodium hypochlorite, carbon dioxide, hydrated lime, sodium bisulphite, and arsenic removal media.
  - Consumables include online analyzer reagents, lab reagents, potable water, and sanitary pump outs.
- Trucking and disposal of process residuals at the Process Residual Cell 1 (PRC-1) at the NHWL
- O&M of the PRC-1 at the NHWL
  - Placing disposal material, sourcing cover material, placing cover material, dewatering cell as required.
- O&M of the Raw Water Corridor from both Minewater Intake Wells
  - Raw water intake pumps, heat trace, conveyance lines, and appurtenances.
- O&M of the Outfall Line from WTP to Yellowknife Bay
  - Conveyance line, heat trace, appurtenances, clean-outs, pipe supports, etc.
- O&M of the Overflow Dry Pond
  - Pumping of the pond, regular inspections, and cleaning, as required.
- Regularly scheduled cleaning of WTP Buildings and all equipment within buildings
  - Janitorial services for all facilities and infrastructure and cleaning of base building and process equipment.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Scope Delineation

For scope delineation, WTPOM excluded activities include:

- Outfall line rockwall monitoring and maintenance
- All road maintenance, including snow removal
  - To be completed by SCMC
- Minewater Intake Well pad maintenance
  - To be completed by SCMC
- Non-Hazardous Waste Landfill O&M
  - Except for the PRC-1
- Surface water management
  - Drainage Sump and Stormwater Pond
- Seasonal buoy removal at Yellowknife Bay
  - To be completed by SCMC
- Outfall line monitoring for regulatory purposes



WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Scope Delineation

For utilities and site services scope delineation:

- Garbage and Recycling Collection
  - WTPOM is required to drop off garbage at Waste Transfer Site, SCMC manages afterwards.
- Diesel Fuel Supply
  - For standby generator and WTP Building Oil Boiler.
  - WTPOM to contact Diesel vendor directly to request and receive diesel, WTPOM to submit slip to Parsons.
- Supply of Power
  - Power supply will be in place, no action by WTPOM.
  - Maintenance of power lines that connect to WTP and medium and high voltage equipment by SCMC
- Propane Supply
  - For propane boilers.
  - WTPOM to contact Propane vendor directly to request and receive propane, WTPOM to submit slip to Parsons.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Scope Delineation

For utilities and site services scope delineation, continued:

- Sewage Collection
  - SCMC will complete the pump out and collection of sewage on a regular basis.
- Potable Water Supply
  - WTPOM will be required to contact SCMC to supply potable water to the WTP.
- Internet
  - Internet to WTP will be in place, no action by WTPOM.
- Biomass Boiler Wood Pellets
  - Parsons will have a Wood Pellet supply and delivery contract in place to supply to the WTP.
  - WTPOM is required to coordinate closely with Parsons and Wood Pellet Supply Subcontractor to ensure that WTP wood pellet supply is sufficient.
  - WTPOM will review supply and coordinate delivery.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Mobilization

WTPOM Mobilization will be completed in two phases, with the initial mobilization phase having work expectations separate from regular O&M of the WTP.

1. Phase 1 – Prior to Commissioning and Handover
2. Phase 2 – Commissioning, Handover, and Regular Operation and Maintenance of Class III Water Treatment Plant

For Phase 1, work requirements include the following:

- Participation is coordination meeting and site review alongside Parsons and WTP Construction Subcontractor
- Participation in Pre-Commissioning activities
- Participation in Commissioning and Handover preparation items, as required, in preparation for Phase 2
  - Examples include review of alarm priorities and interlocks required for regular operation.
- Development of required submittals

There are two (2) BOPC line items to reflect the periods of time and mobilization requirements.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Staffing and Key Personnel

WTP is a Class III facility, operating continuously, and as such requires staffing commensurate to effectively operate and maintain all systems and infrastructure.

Staffing on-Site is required for 10 hours per day. WTPOM could require less/more/different staffing for each phase to complete the Work.

Key Personnel include:

- Project Manager
- Environmental Manager
- Health and Safety Coordinator
- Lead Plant Operation (Class III operator certification)
- Shift Operation Supervisor(s)(Class II operator certification)
- Shift Operator(s)(Class I operator certification or acquiring within one (1) year)

Tradespeople and Maintenance Technicians are required for O&M. After-hours support must be developed with a 30-minute response time (or as appropriate for the task).

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Staffing and Key Personnel

Additional staffing considerations include:

- Minimum of two (2) operators on staff and on-Site.
  - One (1) Shift Operations Supervisor
  - One (1) Shift Operator
- Lead Plant Operator on-Site Monday to Friday, but available at-all-times if necessary.
- All Key Personnel have minimum experience requirements and are required to have backups that have similar experience and qualifications.
- More than one Key Personnel role can be reasonably fulfilled by the same person, given the person has the required experience, qualifications, and capacity to act in more than one role.
- Personnel requirements could be different for each phase of work.

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Submittals

For effective execution of WTP O&M, there are three (3) key Submittals for the WTP to develop and implement.

1. Closure Objectives Monitoring and Response Plan (COMRP)
   - Details how the WTPOM plans on meeting closure objectives tied to WTP discharge, waste, and maintaining minewater levels within minepool
   - Action level monitoring and response plan with triggered action level
2. Operation and Maintenance Execution Plan (OMEP)
   - Details how the WTPOM plans on executing all Work
   - Includes Computerized Maintenance Management System (CMMS) implementation by WTPOM, operational sampling, chemical and consumable planning, quality control planning, PRC-1 operations planning
3. Operation and Maintenance, Repair, and Replacement Plan (OMRRP)
   - Details what the WTPOM plan is for maintenance, repair, and replacement for all WTP assets
   - Includes maintenance schedules, repair protocols, training, risk management and contingency planning, integration into the CMMS

WATER TREATMENT PLANT OPERATION AND MAINTENANCE

Payment Structure Overview

Payment will be structured under the Compensation and Payment (CP) section of the Agreement, covering lump sum and unit rates, potential additional work (PAW), provisional sum reimbursements, and progress payments.

- CP.1, payments will follow a combination of lump sum and fixed unit rates as outlined in the Basis of Payment (BOP), with chemical costs managed through a sliding scale approach. For any potential additional work or standby requirements, the unit rates provided in the labour, equipment, and standby tables will apply.
- CP.2, provides an **optional** provisional sum reimbursement should the subcontractor choose to participate in the Education and Skills Development Training Program.
- CP.3, covers monthly progress payments based on the percentage of completion of the Services, with the invoicing requirements further detailed under the Agreement.

Changes to the quantities provided in the Basis of Payment (BOP) will be addressed through Change Management.

WATER TREATMENT PLANT OPERATION

	Start	End
Request for proposal	November 19, 2025	Jan 15, 2026
Contract Award	Q1 2026	TBD
Operations Handover	Min. November 2026	TBD

QUESTIONS

WOOD PELLET SUPPLY

WOOD PELLET SUPPLY

Overview – Wood Fuel Requirements

The program is to procure and deliver high-quality wood pellets for use in biomass heating system at the Water Treatment Plant (WTP) at Giant Mine Remediation Project (GMRP).

The WTP has two hydronic heating systems that operate at different temperatures. The main heating plant is located in the WTP Biomass Boiler Building.

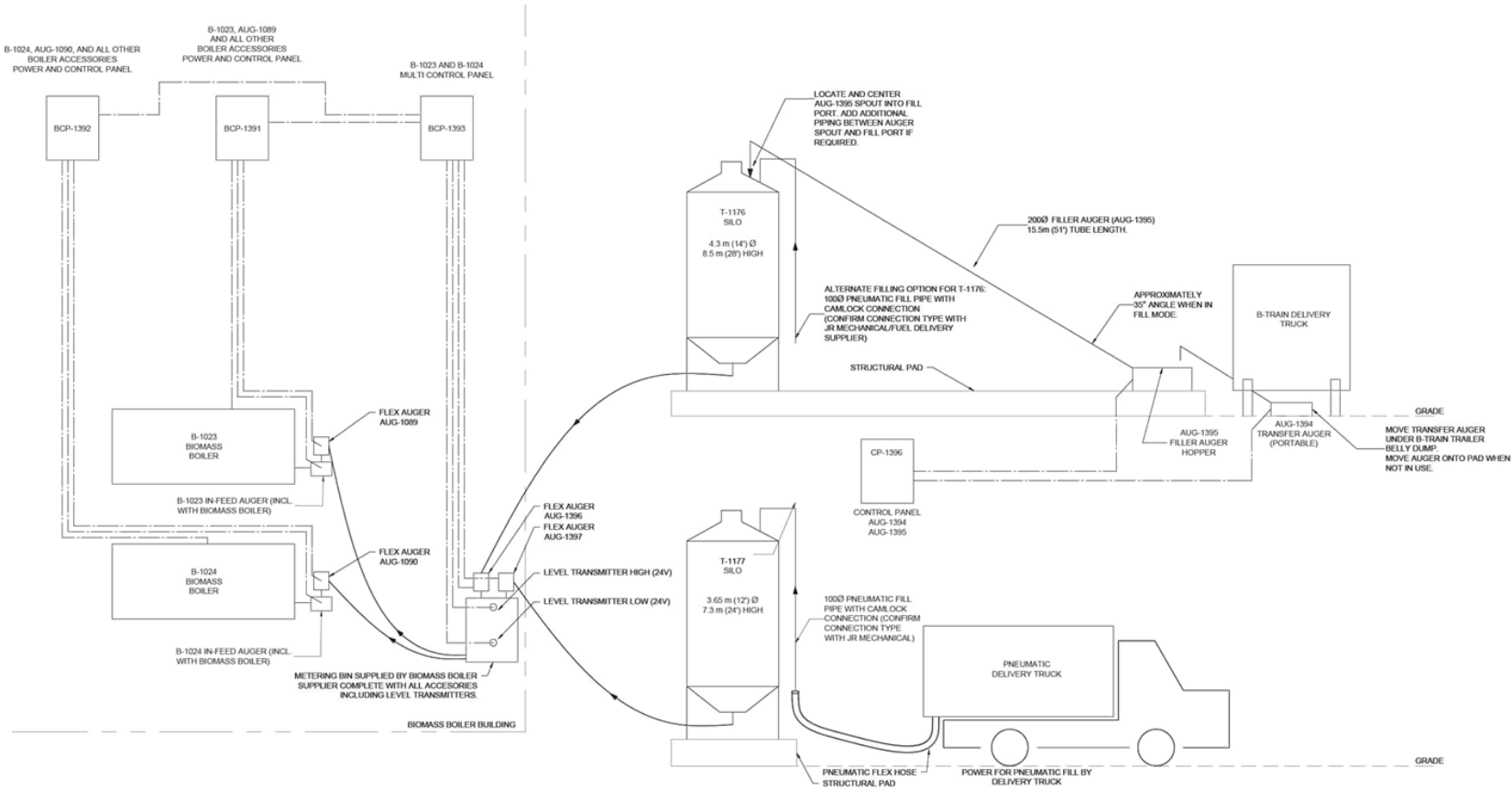
There are two (2) Viessman Vitroflex 300-UF 530 kW output biomass (wood pellet) boilers that operate to provide heat to the WTP and Biomass Boiler building. Two propane condensing boilers will provide heating when the biomass boilers are offline and provide supplemental heating during cold weather conditions.

WOOD PELLET SUPPLY

Overview – Wood Pellet Silos

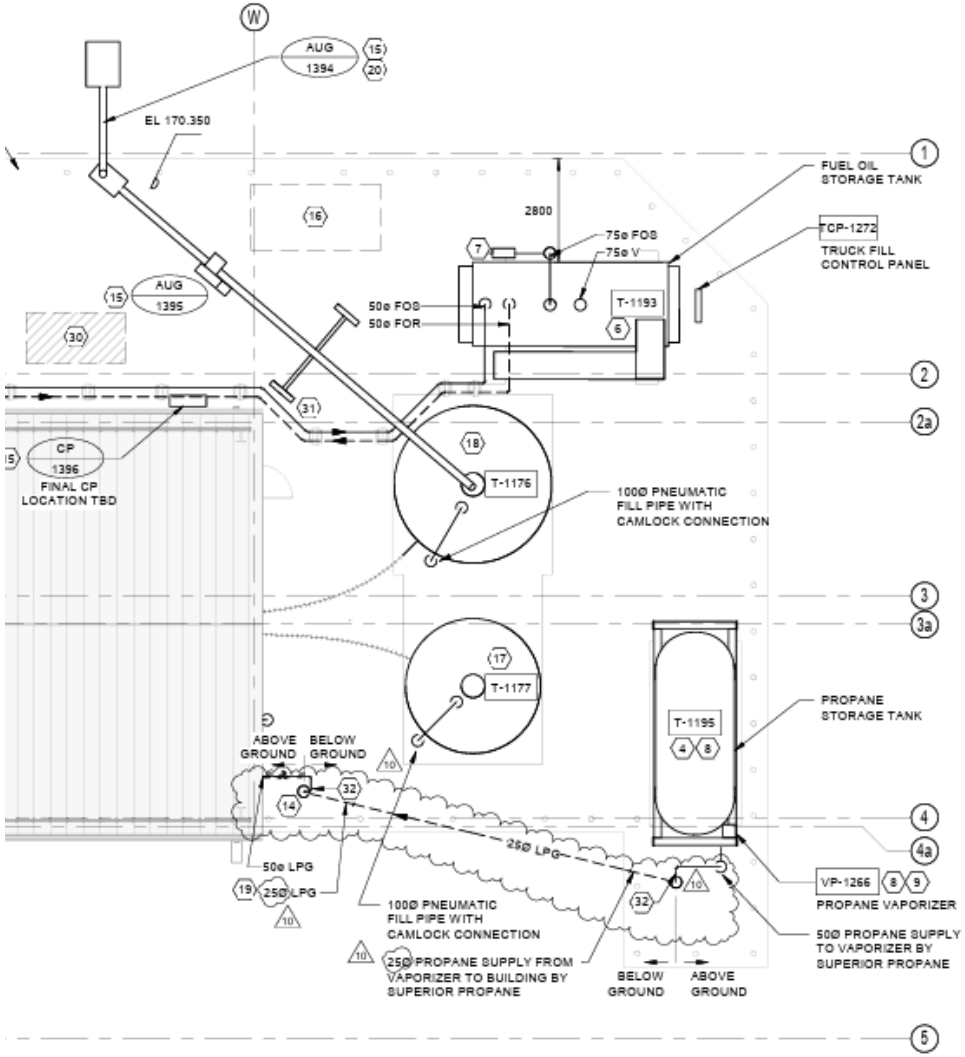
Biomass Silos T-1176 and T-1177 supply wood pellets to two biomass boilers. Key considerations include:

- The two silos are not dedicated as one for low temp or one for high temp. The two outdoor silos feed into a common metering bin, where feed augers feed from the bin to the two boilers.
- For Silo T-1177, a pneumatic delivery truck is required to connect and fill the silo.
- For Silo T-1176, there is a filler auger that can be used by a B-Train delivery truck or fill can be achieved by a pneumatic delivery truck similar to Silo T-1177.



WOOD PELLET SUPPLY

Overview – Wood Pellet Silos



WOOD PELLET SUPPLY

Overview – Heating System

Wood pellets shall be of high-quality and conform to standards as per CAN/CSA-B366.1-M91.

Wood pellets shall be sized either as P1, P2, or P4, with a moisture content less than 15%.

For both biomass boilers, wood pellet peak monthly usage estimates are 184 tonnes, with annual usage estimates at 1,512 tonnes.

WOOD PELLET SUPPLY

Overview – Rate Escalation

To ensure fairness and reflect real market conditions, the price per tonne of wood pellets will be adjusted annually based on the Yellowknife Consumer Price Index (CPI), using a transparent and predictable formula outlined in the Request for Quote (RFQ.)

To ensure predictability, the annual price adjustment shall be subject to a cap of a 2.2% increase or decrease per year.

WOOD PELLETS SUPPLY

	Start	End
Request for quotes	March 27, 2026	April 27, 2026
Delivery Period	Approx. July 31, 2026	March 31, 2035

QUESTIONS

SURFACE CARE AND MAINTENANCE

Surface Care and Maintenance

- The Surface Care and Maintenance subcontractor will perform the care and maintenance functions for the mine site under a dynamic contract with changing conditions and varied activities.
- Support requests can be generated from a general site care and maintenance perspective and also to support other scopes of work taking place on site using existing resources, unless notified by Parsons.
- This includes ongoing operation, maintenance, inspection, testing, and repairs required to maintain the site infrastructure and equipment in a safe, serviceable condition.

Surface Care and Maintenance

- The Surface Care and Maintenance subcontract requires on site work 7 days a week
- The Surface Care and Maintenance subcontractor provides their own construction facilities for operations on site and supplies their own fuel for all equipment used on site.
- No parking is available on site for personal vehicles so a shuttle service with mine equipped vehicles is required

Surface Care and Maintenance

Includes but not limited to:

- Maintaining high and low voltage power systems on site and removal of decommissioned poles
- Maintaining site roads and bridges
- Water management and erosion protection systems
- Deep well pumps
- Environmental checks and monitoring
- Surveys and instrumentation checks
- Dam and Dyke monitoring and repairs
- Support aggregate delivery and stockpiling
- Manage the operational hazardous waste storage and removal facility
- Freshet and winterization management
- Tailings ponds management – Dust suppression
- All activities as per the Preventative maintenance plan
- All activities as per the Inventory control system
- Brush and debris removal
- Installing and maintaining site signage
- Support ETP Operation
- Site communications systems – Wi-Fi and Radios
- Support aggregate delivery and stockpile maintenance
- Delivery of potable water and removal of black water from several location

Surface Care and Maintenance

- The work under this subcontract requires the provision of core staff to perform the care and maintenance of the surface infrastructure and facilities at Giant Mine. Outside key personnel and management, Subcontractor access to the following types of personnel is encouraged:
  - Environmental Technician
  - Civil Technologist/Planner/Surveyor
  - PMP-ICS Coordinator
  - Class 5 Engineer
  - Procurement and Expediting Coordinator
  - Journeyman Electrician (2)
  - Electrical Apprentice
  - Skilled Labourer
  - General Labourer (2)
  - Heavy Equipment Operator (2)
  - Janitor (2)

Surface Care and Maintenance

- Similarly, Subcontractor access to the following types of equipment is encouraged:

- Forklift
- Grader
- Front End Loader
- Bulldozer
- Excavator/backhoe
- Rock truck(s)
- Tandem dump truck
- Water truck or similar equipment capable of applying dust suppressants
- Fuel truck capable of supplying fuel to equipment working at remote locations
- Light pickup trucks capable of moving personnel and materials
- Five-ton stake truck capable of moving heavier materials and equipment around the Site
- Genie lift
- 10 tonne sand truck with a spreader box
- Float and tractor trailer

SURFACE CARE AND MAINTENANCE

	Start	End
Request for Proposal	Late December 2025	January 30, 2026
Mobilization to Site	May 2026	September 2029

QUESTIONS

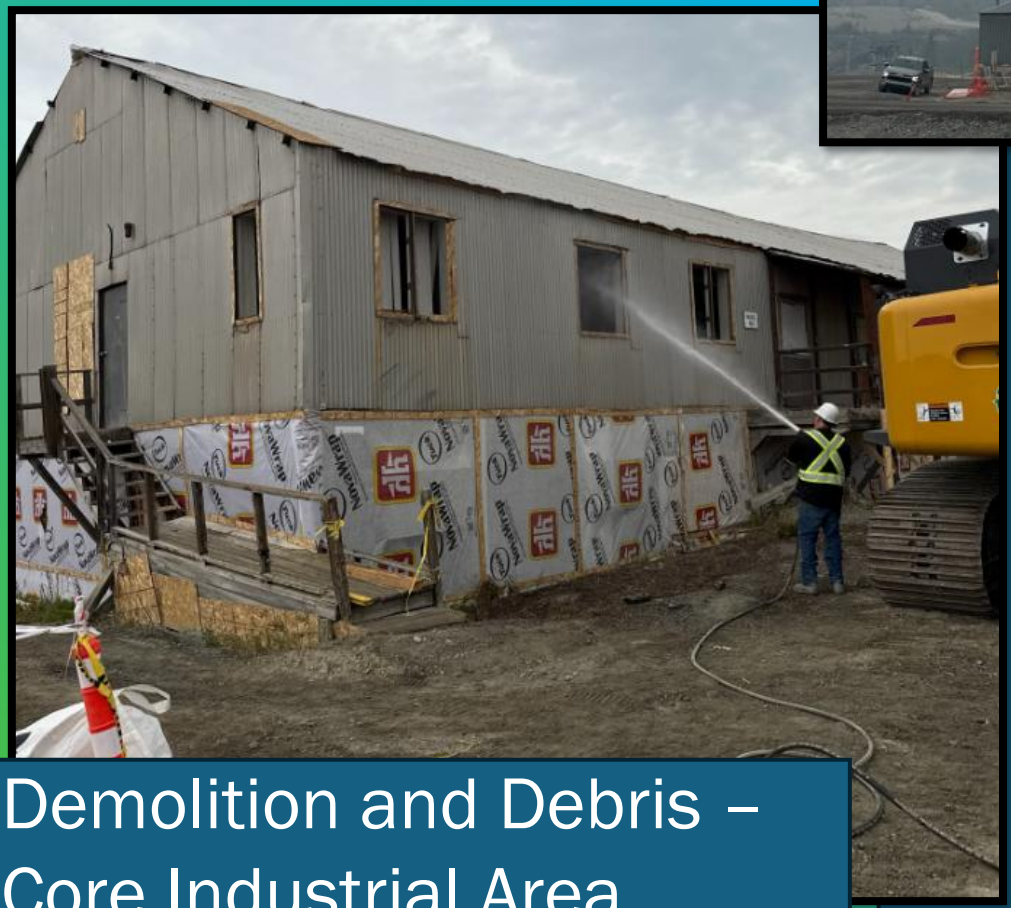
LUNCH 11:30 – 1:00

PARSONS' GIANT MINE HEALTH AND SAFETY PROGRAM

PARSONS' ROLE

- Parsons is the Mine Manager under the MHSA and as such is responsible for all health and safety at site.
- Parsons has a Project Safety, Health, and Environmental Plan (PSHEP) and all subcontractors have a Subcontractor Safety, Health, and Environmental Plan (SSHEP) and their employees must follow both.
- As the MCM, Parsons is in partnership with all stakeholders to build a strong safety culture.

SAFETY, HEALTH, AND ENVIRONMENT



Demolition and Debris – Core Industrial Area

True North Environmental

SAFETY, HEALTH, AND ENVIRONMENT

Civil MSA

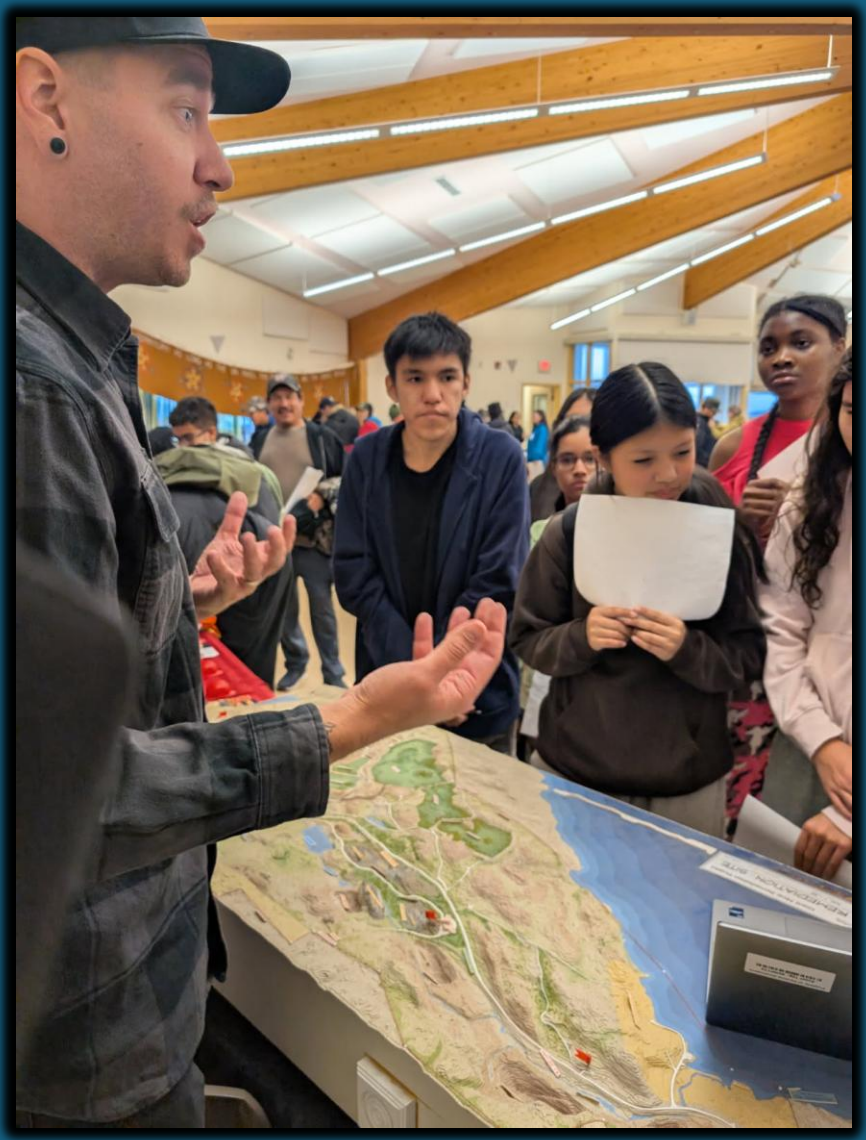
Nahanni Construction

SAFETY, HEALTH, AND ENVIRONMENT

Water Treatment Plant

Aecon (AWI)

SAFETY, HEALTH, AND ENVIRONMENT



YK Job Fair

Parsons

2024 – 2025 Safety Highlights

Key updates

Medical Monitoring

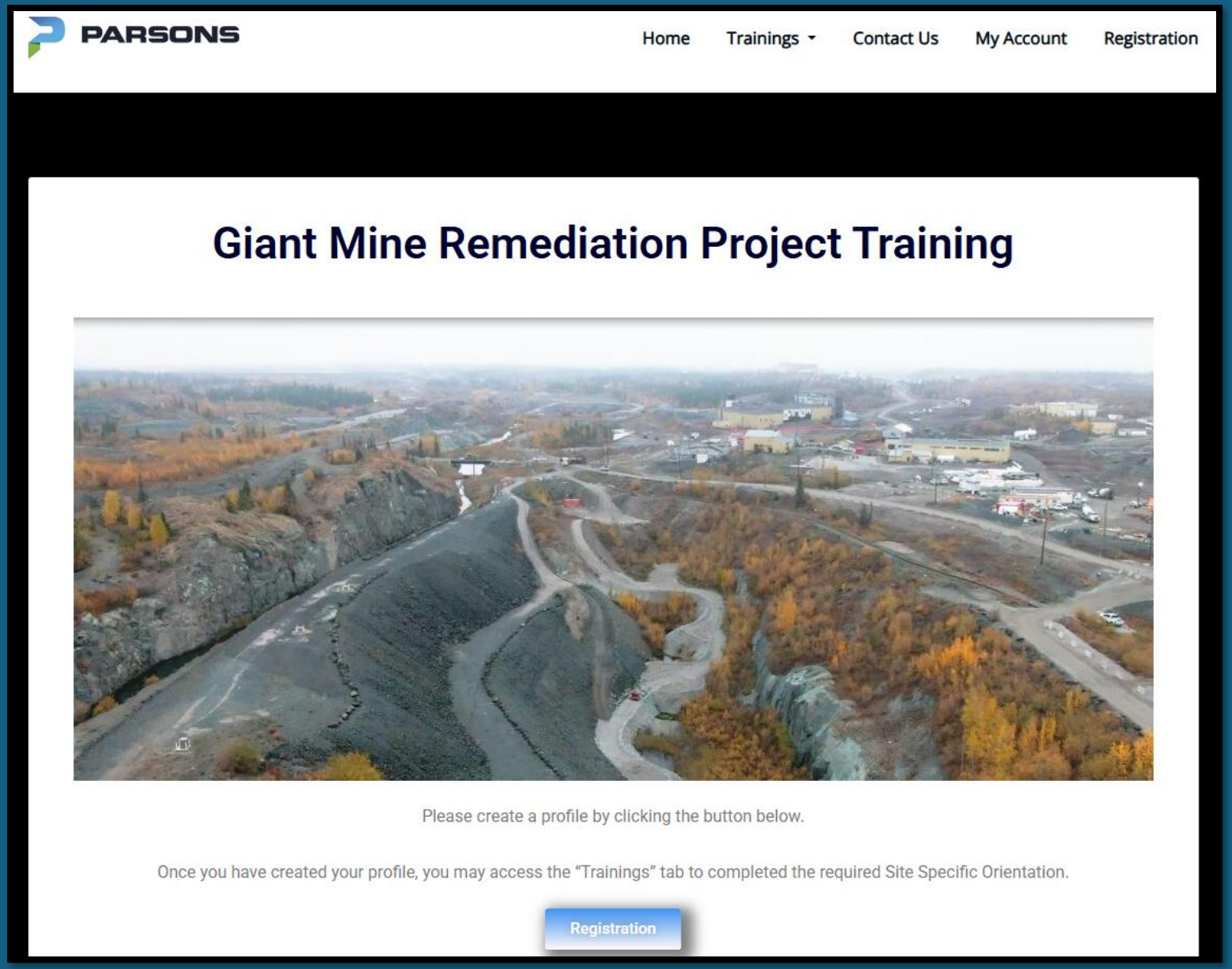
- The combined efforts through 2024 - 2025 at the Giant Mine site with everyone contributing to keep workers safe from arsenic trioxide, these efforts are reflected in these numbers. We expect another significant drop in 2026.

Percentages	2025 (to date)	2024	2023	2022
Exceedances	0.5%	0.7%	1.3%	4.5%
Warnings	3.0%	3.3%	5.7%	12.7%
Creatinine issues	5.7%	7.5%	9.9%	4.2%

Onboarding/Orientations

- Parsons is streamlining the ability for workers to be able to take a NEW AI Generated Orientation at their convenience! Contractors and their workers will be able to complete the required onboarding at any time and will no longer have to wait for scheduled sessions. This will greatly speed up the onboarding process and provide contractors with much more flexible options getting new workers to the project.

NEW ONLINE TRAINING PORTAL

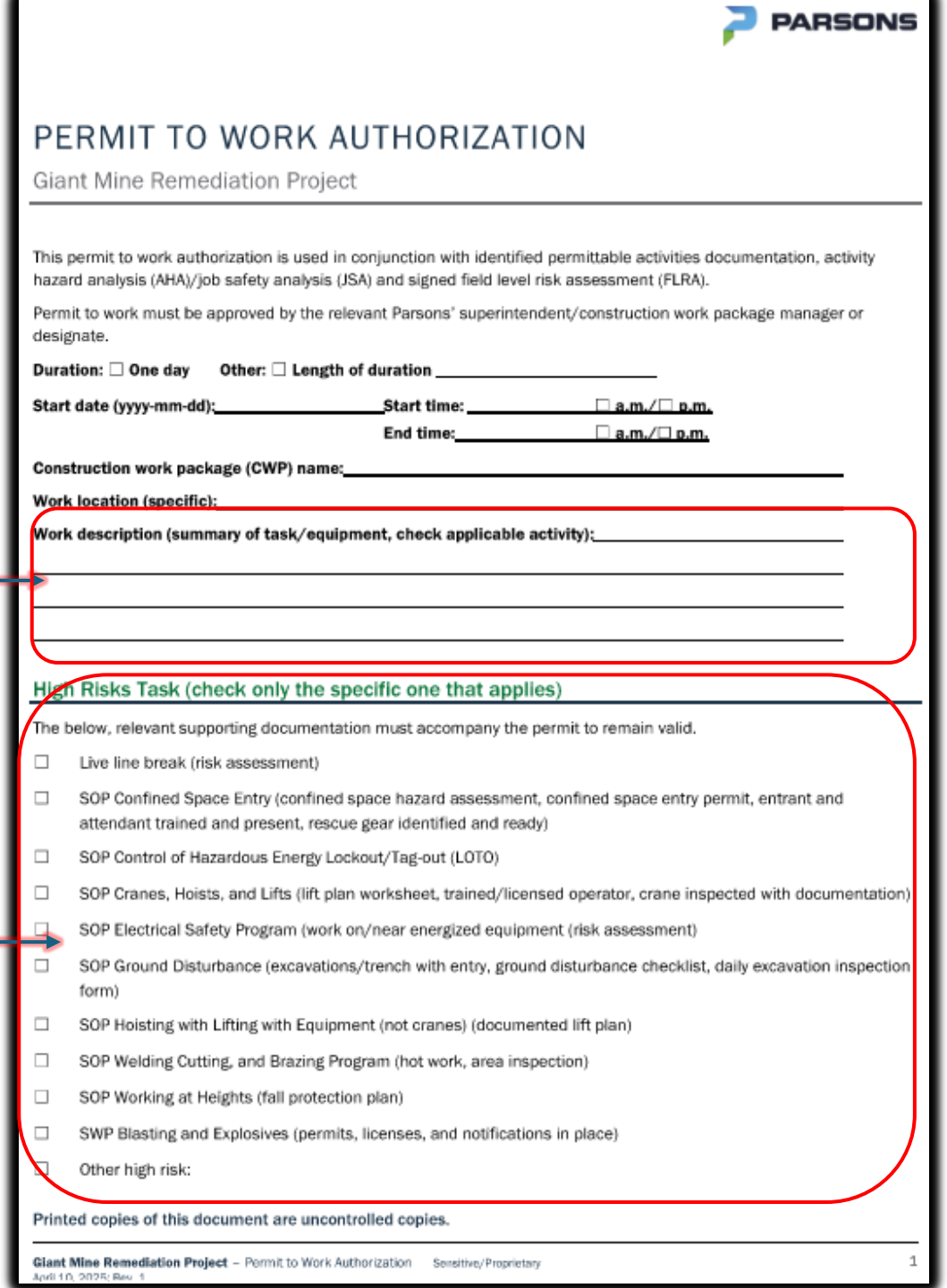


The newly revised online orientation portal will allow workers to watch the orientation AND submit all required paperwork directly to Site Security.

SAFETY, HEALTH, AND ENVIRONMENT

Permit to Work

1. **Hazard Identification**
   a. All hazards will be identified, and the risk assessed, for the proposed scope of work, including conflicting activity hazards, workplace environmental monitoring (e.g., confined space, hot work, etc.), and control measures for work that will last longer than one shift.
2. **Control Measures Implemented**
   a. All necessary control measures for the safe completion of work are completed and documented on the associated standard operating procedure (SOP) related supporting documentation: job hazard analysis (JHA)/job safety analysis (JSA) field level risk assessment (FLRA), and the PTW.
   b. Permit receiver confirms or verifies that all control measures are implemented before work starts.



PARSONS

PERMIT TO WORK AUTHORIZATION

Giant Mine Remediation Project

This permit to work authorization is used in conjunction with identified permittable activities documentation, activity hazard analysis (AHA)/job safety analysis (JSA) and signed field level risk assessment (FLRA).

Permit to work must be approved by the relevant Parsons' superintendent/construction work package manager or designate.

Duration: ☐ **One day** **Other:** ☐ **Length of duration** _____

Start date (yyyy-mm-dd): _____ **Start time:** _____ ☐ a.m./☐ p.m.

End time: _____ ☐ a.m./☐ p.m.

Construction work package (CWP) name: _____

Work location (specific):

Work description (summary of task/equipment, check applicable activity): _____

High Risks Task (check only the specific one that applies)

The below, relevant supporting documentation must accompany the permit to remain valid.

- ☐ Live line break (risk assessment)
- ☐ SOP Confined Space Entry (confined space hazard assessment, confined space entry permit, entrant and attendant trained and present, rescue gear identified and ready)
- ☐ SOP Control of Hazardous Energy Lockout/Tag-out (LOTO)
- ☐ SOP Cranes, Hoists, and Lifts (lift plan worksheet, trained/licensed operator, crane inspected with documentation)
- ☐ SOP Electrical Safety Program (work on/near energized equipment (risk assessment)
- ☐ SOP Ground Disturbance (excavations/trench with entry, ground disturbance checklist, daily excavation inspection form)
- ☐ SOP Hoisting with Lifting with Equipment (not cranes) (documented lift plan)
- ☐ SOP Welding Cutting, and Brazing Program (hot work, area inspection)
- ☐ SOP Working at Heights (fall protection plan)
- ☐ SWP Blasting and Explosives (permits, licenses, and notifications in place)
- ☐ Other high risk:

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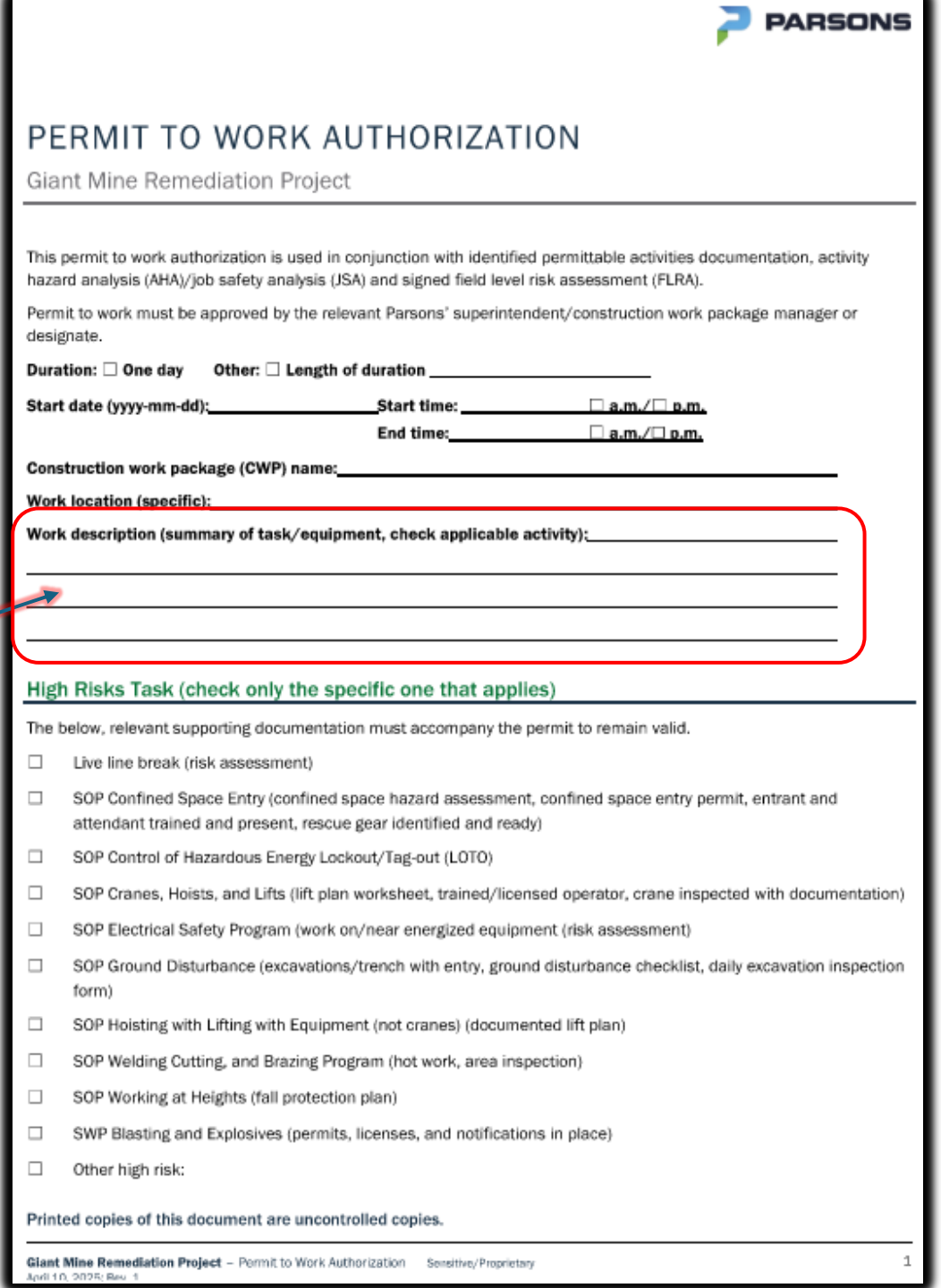
SAFETY, HEALTH, AND ENVIRONMENT

Permit to Work

3. **Simultaneous Activities**
   a. Activities inside and adjacent to the work zone are identified, e.g., interface between work parties, work areas, etc.
   b. Identified activities are managed or mitigated to eliminate conflict.



PARSONS

PERMIT TO WORK AUTHORIZATION

Giant Mine Remediation Project

This permit to work authorization is used in conjunction with identified permittable activities documentation, activity hazard analysis (AHA)/job safety analysis (JSA) and signed field level risk assessment (FLRA).

Permit to work must be approved by the relevant Parsons' superintendent/construction work package manager or designate.

Duration: ☐ **One day** **Other:** ☐ **Length of duration** _____

Start date (yyyy-mm-dd): _____ **Start time:** _____ ☐ a.m./☐ p.m.

End time: _____ ☐ a.m./☐ p.m.

Construction work package (CWP) name: _____

Work location (specific):

Work description (summary of task/equipment, check applicable activity): _____

_____

_____

_____

High Risks Task (check only the specific one that applies)

The below, relevant supporting documentation must accompany the permit to remain valid.

- ☐ Live line break (risk assessment)
- ☐ SOP Confined Space Entry (confined space hazard assessment, confined space entry permit, entrant and attendant trained and present, rescue gear identified and ready)
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- ☐ Other high risk:

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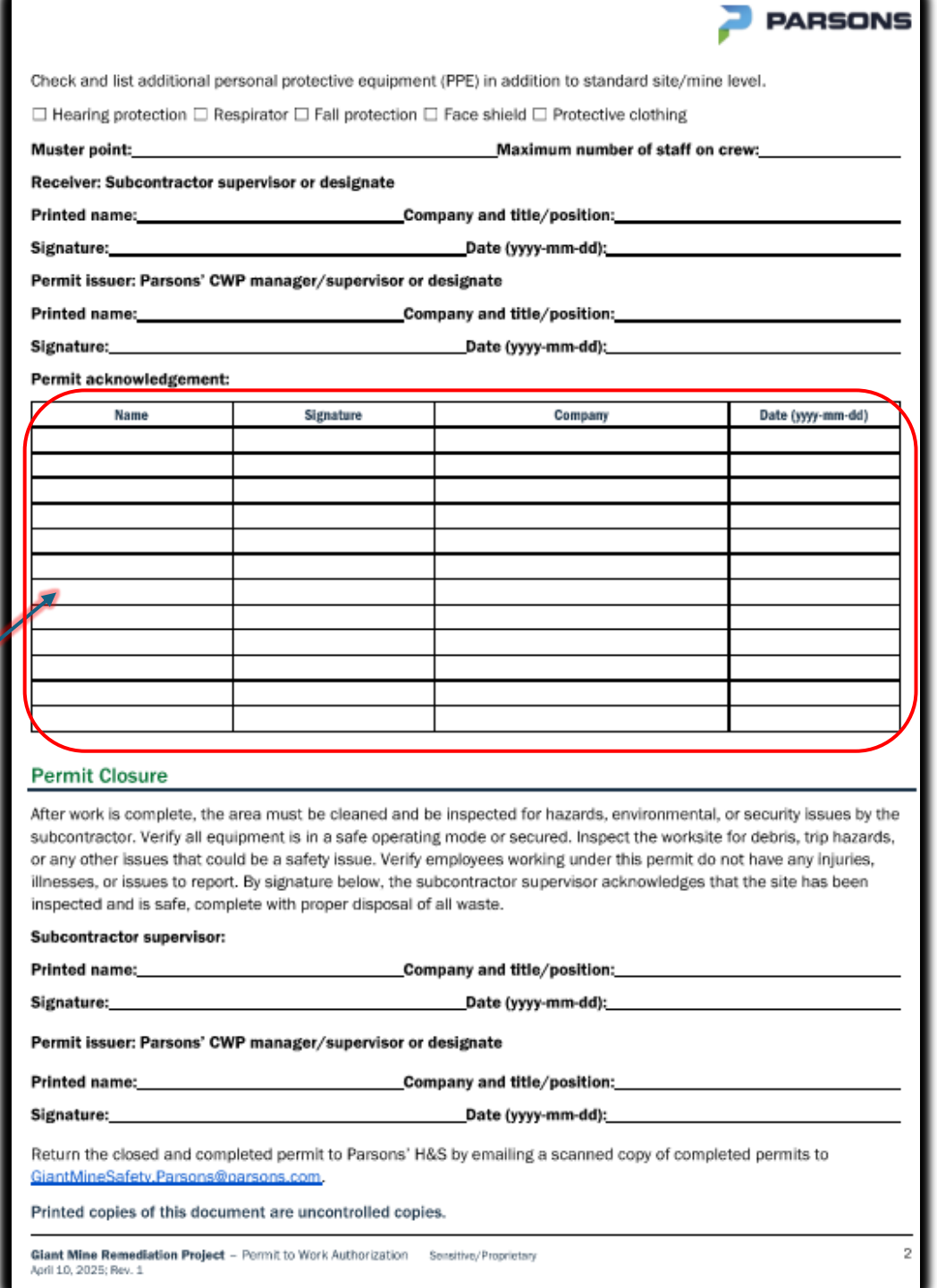
SAFETY, HEALTH, AND ENVIRONMENT

Permit to Work

4. **Communication**
   a. Permit receivers will communicate the requirements of the permit and associated supporting documents to the workers conducting the work.
   b. Work will not proceed until all workers on the job confirm they understand the PTW requirements by signing the permit.
   c. The original permit and supporting documents (e.g., JHA/JSA, SOP related documents, etc.) will be posted at the worksite or Parsons' agreed to central location.



PARSONS

Check and list additional personal protective equipment (PPE) in addition to standard site/mine level.

☐ Hearing protection ☐ Respirator ☐ Fall protection ☐ Face shield ☐ Protective clothing

Muster point:_____ **Maximum number of staff on crew:**_____

Receiver: Subcontractor supervisor or designate

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit issuer: Parsons' CWP manager/supervisor or designate

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit acknowledgement:

Name	Signature	Company	Date (yyyy-mm-dd)

Permit Closure

After work is complete, the area must be cleaned and be inspected for hazards, environmental, or security issues by the subcontractor. Verify all equipment is in a safe operating mode or secured. Inspect the worksite for debris, trip hazards, or any other issues that could be a safety issue. Verify employees working under this permit do not have any injuries, illnesses, or issues to report. By signature below, the subcontractor supervisor acknowledges that the site has been inspected and is safe, complete with proper disposal of all waste.

Subcontractor supervisor:

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit issuer: Parsons' CWP manager/supervisor or designate

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Return the closed and completed permit to Parsons' H&S by emailing a scanned copy of completed permits to GiantMineSafety.Parsons@parsons.com.

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SAFETY, HEALTH, AND ENVIRONMENT

Permit to Work

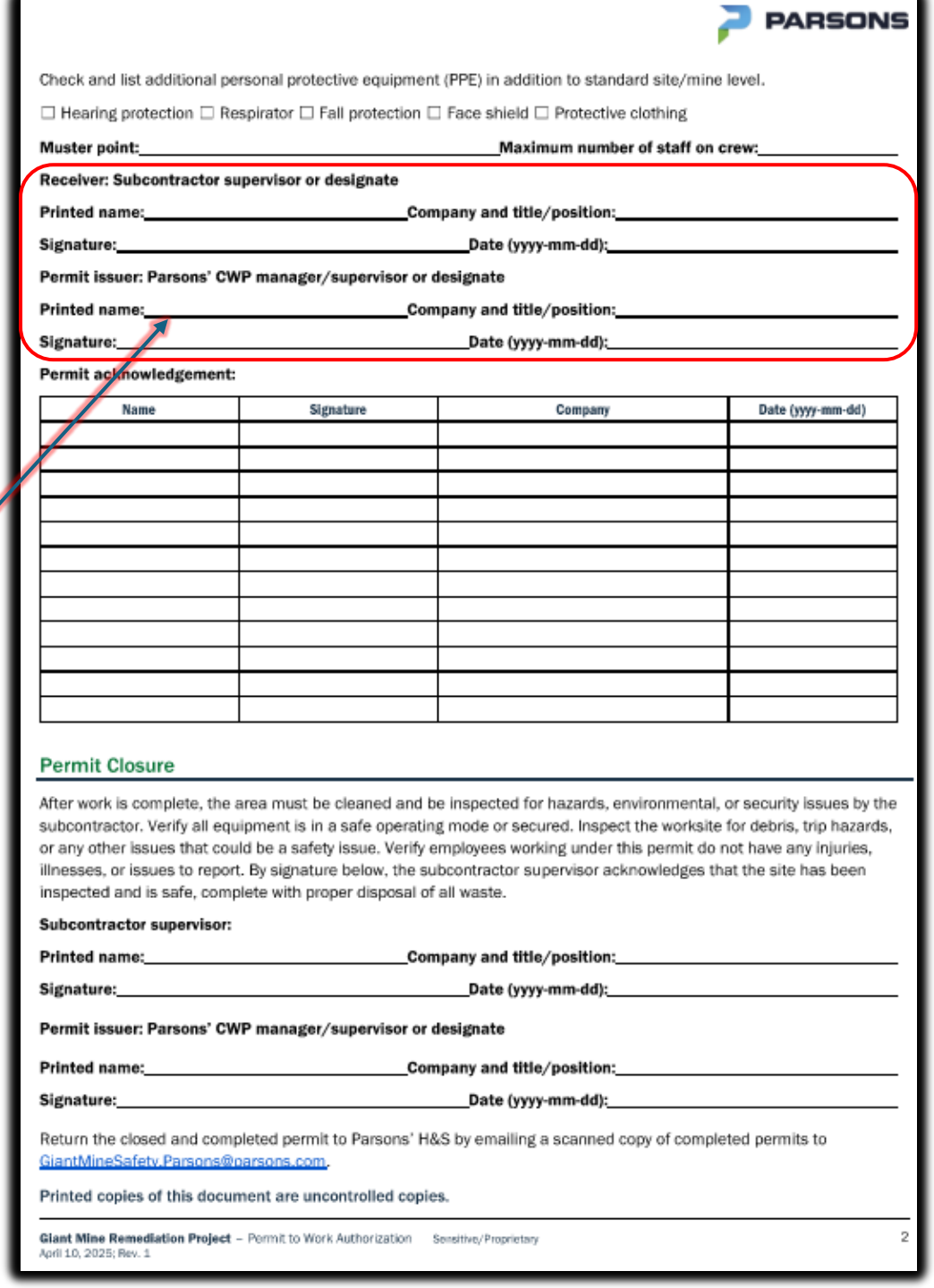
5. Validation

a. Once the permit receiver has confirmed that all hazards have been identified and supporting documentation completed, the PTW is presented to the permit issuer for verification and authorization.

b. Permit issuer reviews the documentation and verifies that all controls, e.g., LOTO, ground disturbance checklist, etc., are in place.

c. Permit receiver signs the PTW to confirm all controls are in place; permit issuer signs the PTW to confirm that the work is authorized to start.

d. Permit receiver reviews the PTW and supporting documentation with the workers conducting the work and then they sign the permit to acknowledge they have reviewed the documents and understand the conditions.



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Permit issuer: Parsons' CWP manager/supervisor or designate

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit acknowledgement:

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SAFETY, HEALTH, AND ENVIRONMENT

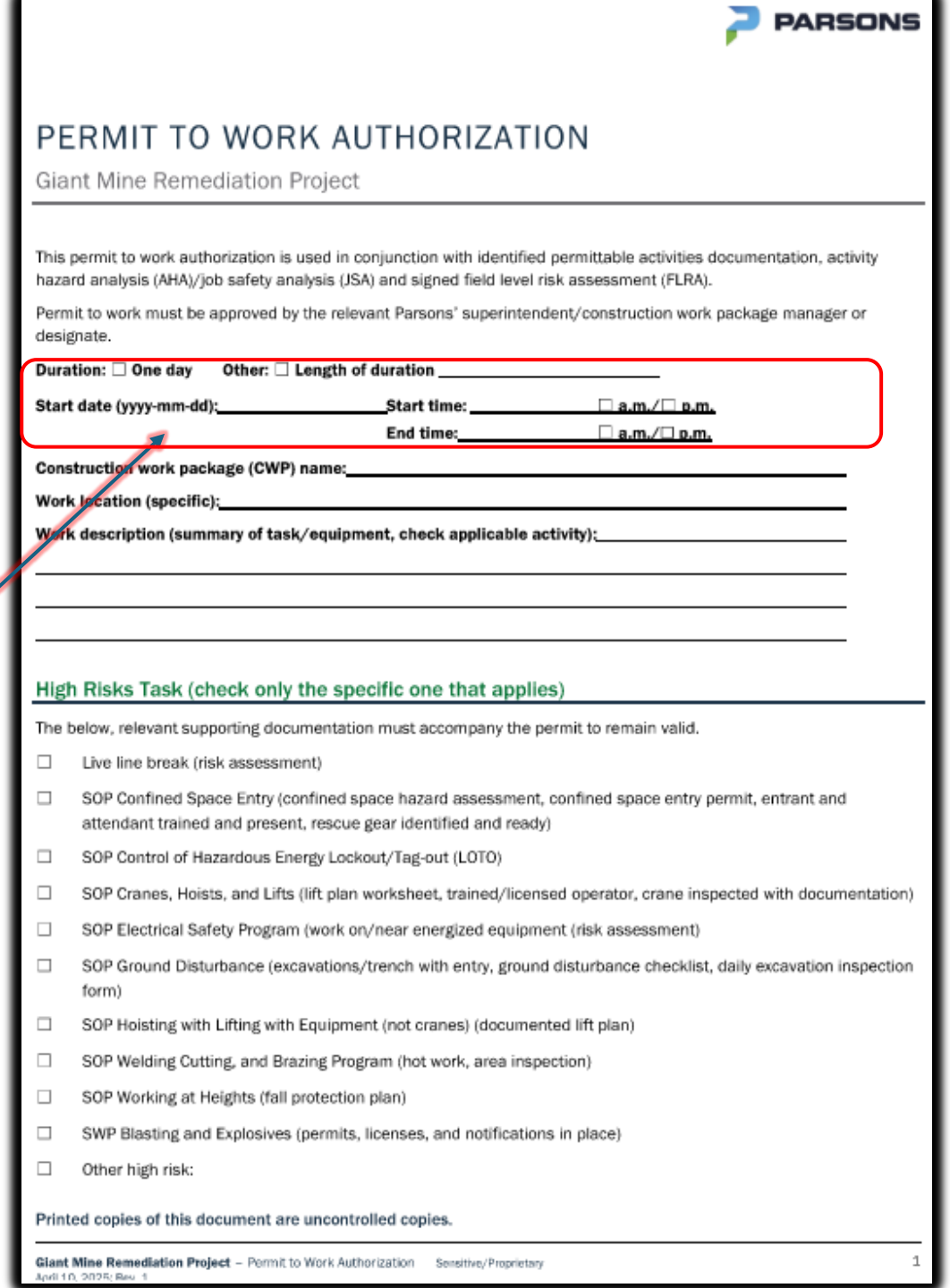
Permit to Work

6. Duration

a. The PTW is valid for one shift unless otherwise approved by Parsons' permit issuer and Parsons' safety, health, and environmental (SH&E).

b. If the work continues for longer than one shift, the PTW will be revalidated by the original permit issuer or a new PTW issued.

c. PTWs that are planned to last longer than one shift will have a formal risk assessment performed to identify risks and controls associated with the duration of the work.



PARSONS

PERMIT TO WORK AUTHORIZATION

Giant Mine Remediation Project

This permit to work authorization is used in conjunction with identified permittable activities documentation, activity hazard analysis (AHA)/job safety analysis (JSA) and signed field level risk assessment (FLRA).

Permit to work must be approved by the relevant Parsons' superintendent/construction work package manager or designate.

Duration: ☐ **One day** **Other:** ☐ **Length of duration** _____

Start date (yyyy-mm-dd): _____ **Start time:** _____ ☐ a.m./☐ p.m.

End time: _____ ☐ a.m./☐ p.m.

Construction work package (CWP) name: _____

Work location (specific): _____

Work description (summary of task/equipment, check applicable activity): _____

_____

_____

_____

High Risks Task (check only the specific one that applies)

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- ☐ SWP Blasting and Explosives (permits, licenses, and notifications in place)
- ☐ Other high risk:

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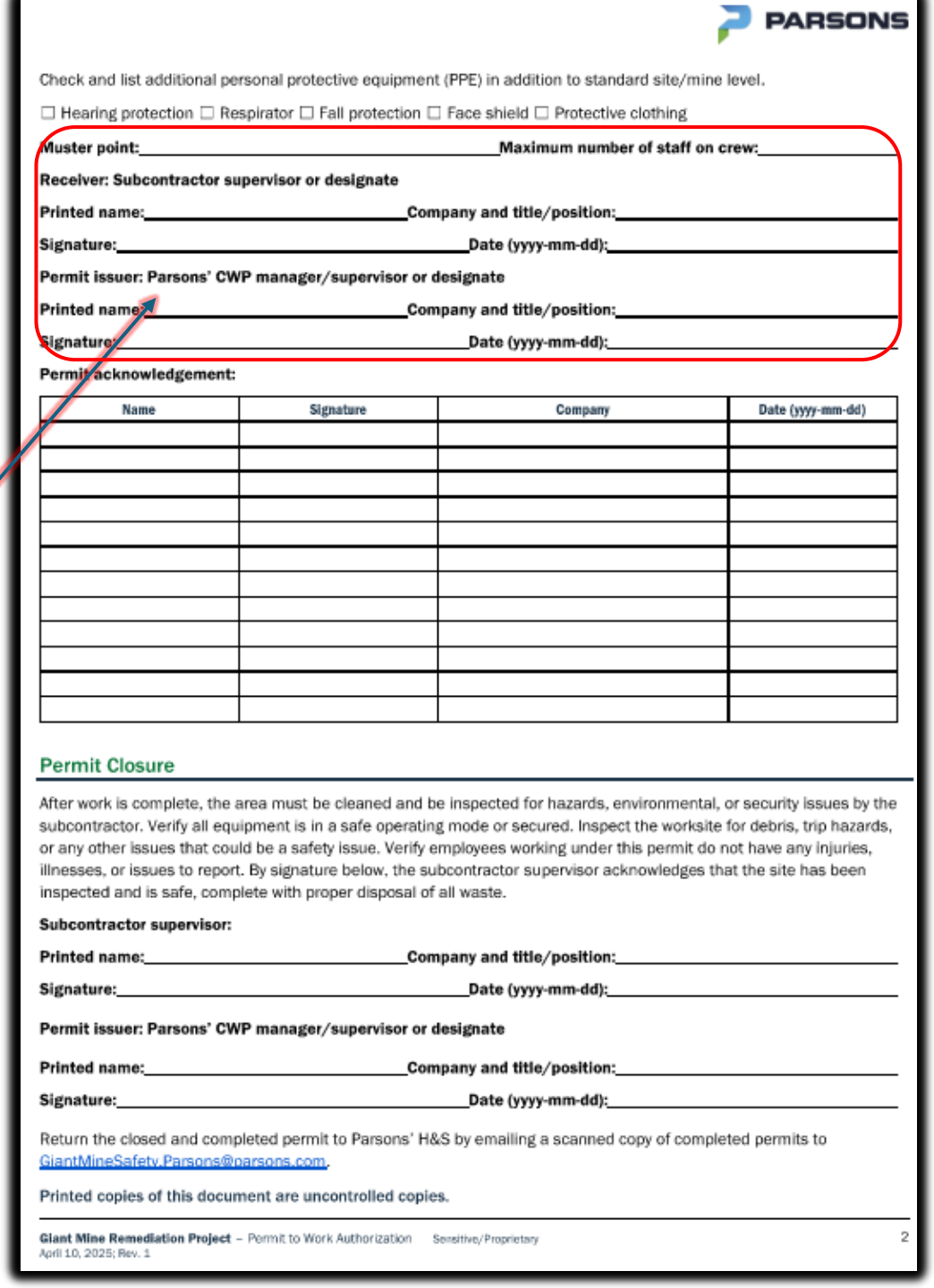
SAFETY, HEALTH, AND ENVIRONMENT

Permit to Work

7. **Management of Change**
   a. When the work scope or circumstances change, e.g., new hazards, change in work activity, change in environment, the work will stop immediately and the PTW will be returned to the permit issuer.
   b. Work may restart once the changes have been identified, mitigated, or eliminated and the permit issuer and permit receiver resign the PTW.
   c. Workers must be made aware of the changes and any new procedures implemented.
8. **Emergency Situations**
   a. In the event of an incident or emergency, all work will be made safe and work stopped. The PTW will be invalid until the permit issuer revalidates or reissues the PTW.



PARSONS

Check and list additional personal protective equipment (PPE) in addition to standard site/mine level.

☐ Hearing protection ☐ Respirator ☐ Fall protection ☐ Face shield ☐ Protective clothing

Muster point:_____ **Maximum number of staff on crew:**_____

Receiver: Subcontractor supervisor or designate

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit issuer: Parsons' CWP manager/supervisor or designate

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit acknowledgement:

Name	Signature	Company	Date (yyyy-mm-dd)

Permit Closure

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Subcontractor supervisor:

Printed name:_____ **Company and title/position:**_____

Signature:_____ **Date (yyyy-mm-dd):**_____

Permit issuer: Parsons' CWP manager/supervisor or designate

Printed name:_____ **Company and title/position:**_____

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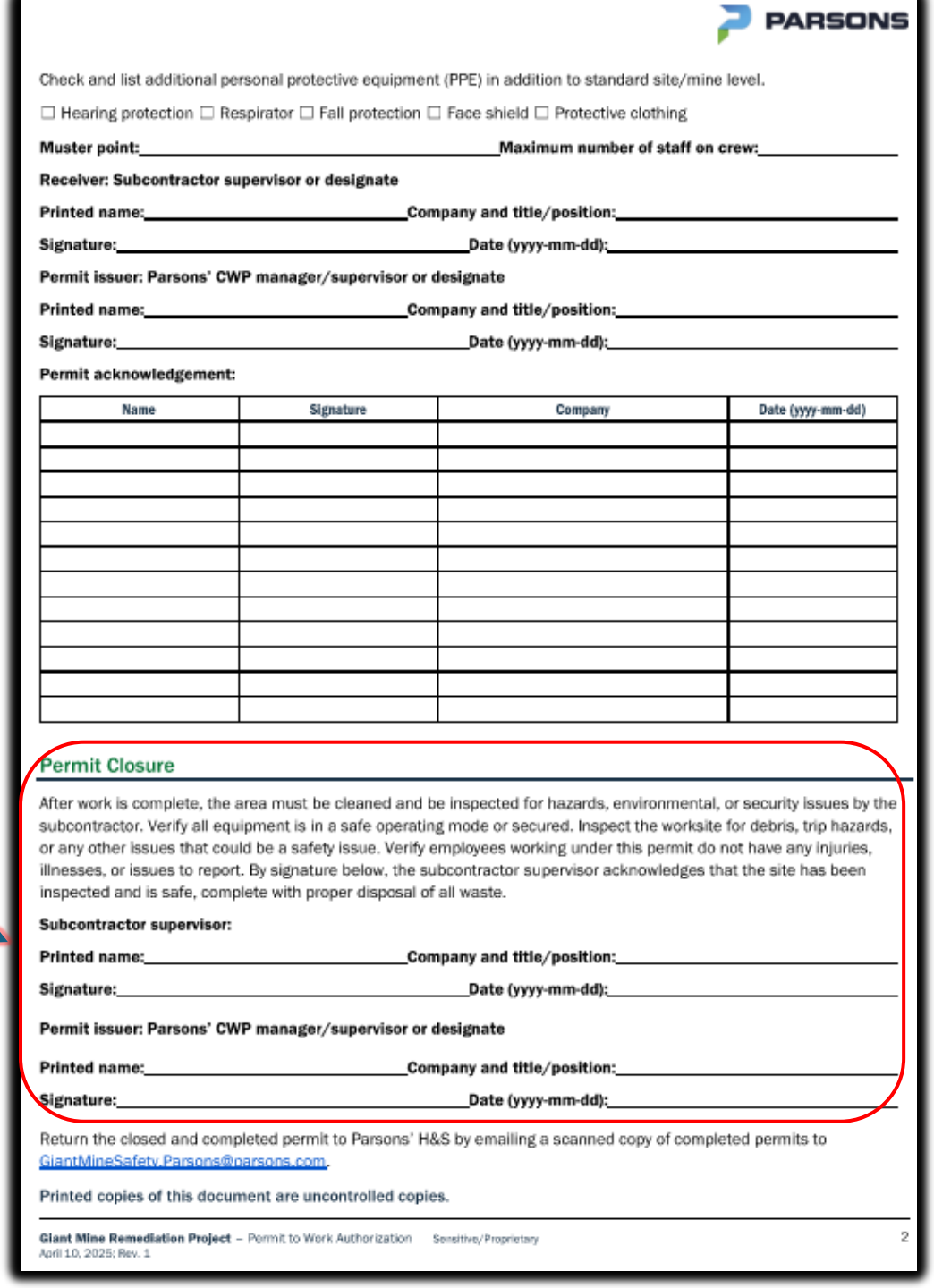
SAFETY, HEALTH, AND ENVIRONMENT

Permit to Work

9. Closeout

a. When work is complete or there is a requirement to close the PTW, the permit issuer will ensure that the worksite is left in a clean and safe state and that any remaining work is identified with a process implemented to manage the work and return the PTW and supporting documentation to the permit issuer who confirms that the work area is safe and clean and both parties sign the PTW to close the permit.



PARSONS

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SAFETY, HEALTH, AND ENVIRONMENT

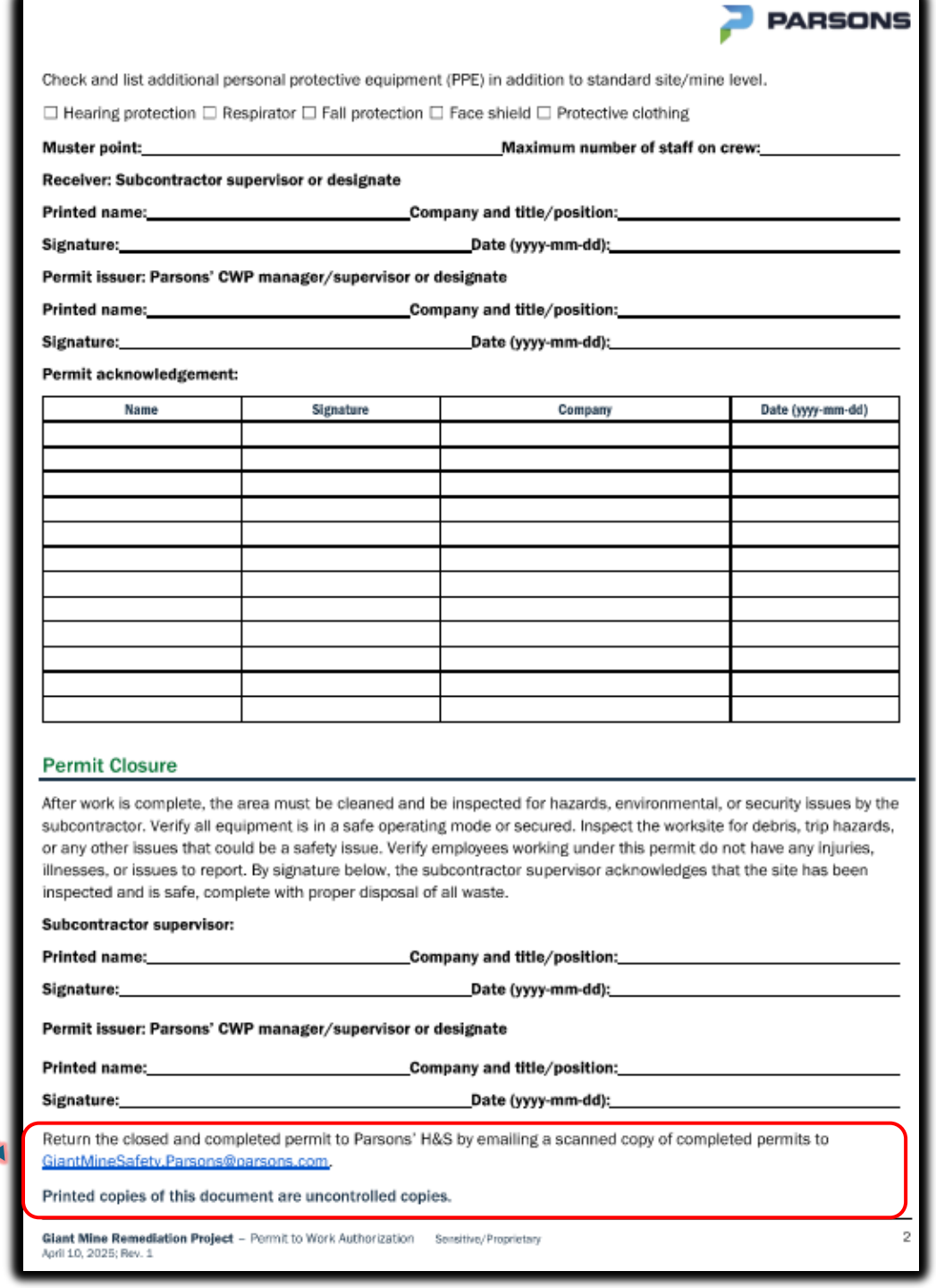
Permit to Work

10. Documentation and Reporting

a. Completed PTW and supporting documentation must be returned to Parsons' SH&E and retained electronically for a period of one year; email a copy of completed permits to GiantMineSafety.Parsons@parsons.com .

b. Parsons' location for electronic files with be SharePoint, Environmental Health and Safety > Permit to Work Authorizations.

If a reportable incident/dangerous occurrence takes place under a permit, the original permit and supporting documentation will accompany the investigation and a copy filed for the project record.



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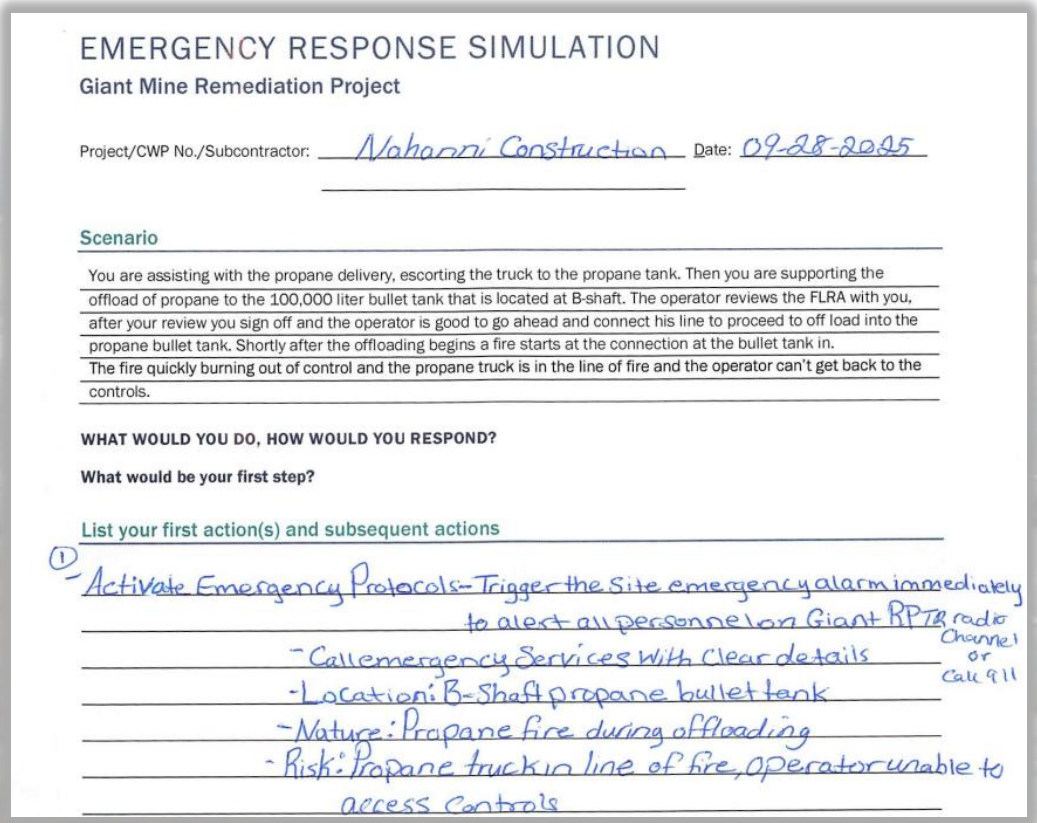
Emergency Response Scenarios

- Starting in 2025 we started circulating Tabletop Emergency Response Scenarios for different response types from our EMSRP.
- Moving into 2026 we will have more engagement reviewing Parsons' Emergency Response structure.

Incidents & Dangerous Occurrences

- Stemming from the truck tip over incident (June 26, 2025), Parsons created a new SWP (Aggregate Stockpile Hauling & Dumping) for all Contractors to follow requiring all end dump truck hauling and dumping
- 2026 – Lessons Learned from incidents will be communicated Site Wide more frequently



EMERGENCY RESPONSE SIMULATION

Giant Mine Remediation Project

Project/CWP No./Subcontractor: Nahanni Construction Date: 09-28-2025

Scenario

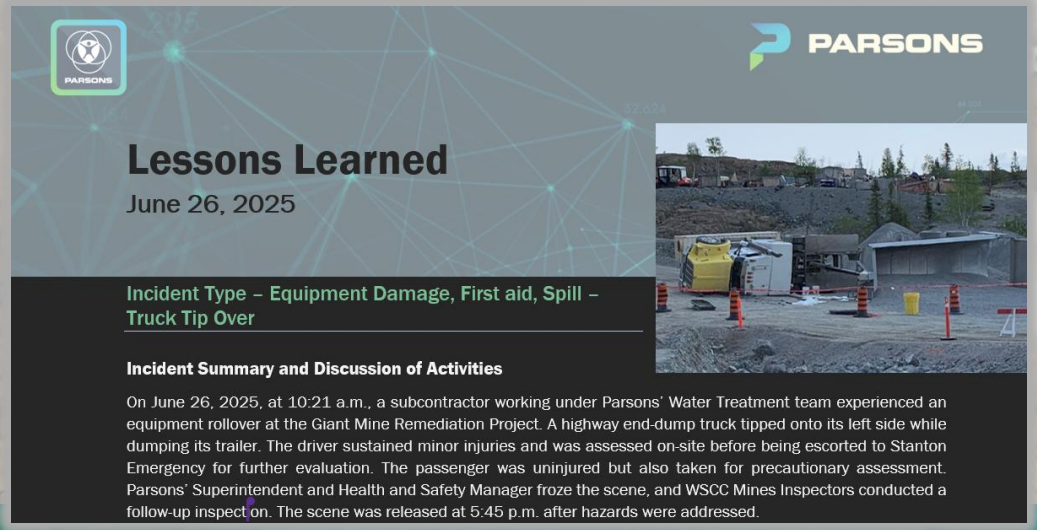
You are assisting with the propane delivery, escorting the truck to the propane tank. Then you are supporting the offload of propane to the 100,000 liter bullet tank that is located at B-shaft. The operator reviews the FLRA with you, after your review you sign off and the operator is good to go ahead and connect his line to proceed to off load into the propane bullet tank. Shortly after the offloading begins a fire starts at the connection at the bullet tank in. The fire quickly burning out of control and the propane truck is in the line of fire and the operator can't get back to the controls.

WHAT WOULD YOU DO, HOW WOULD YOU RESPOND?

What would be your first step?

List your first action(s) and subsequent actions

1. Activate Emergency Protocols – Trigger the Site emergency alarm immediately to alert all personnel on Giant RPT radio Channel or Call 911
   - Call emergency Services with clear details
   - Location: B-Shaft propane bullet tank
   - Nature: Propane fire during offloading
   - Risk: Propane truck in line of fire, operator unable to access controls



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Lessons Learned

June 26, 2025

Incident Type – Equipment Damage, First aid, Spill – Truck Tip Over

Incident Summary and Discussion of Activities

On June 26, 2025, at 10:21 a.m., a subcontractor working under Parsons' Water Treatment team experienced an equipment rollover at the Giant Mine Remediation Project. A highway end-dump truck tipped onto its left side while dumping its trailer. The driver sustained minor injuries and was assessed on-site before being escorted to Stanton Emergency for further evaluation. The passenger was uninjured but also taken for precautionary assessment. Parsons' Superintendent and Health and Safety Manager froze the scene, and WSCC Mines Inspectors conducted a follow-up inspection. The scene was released at 5:45 p.m. after hazards were addressed.

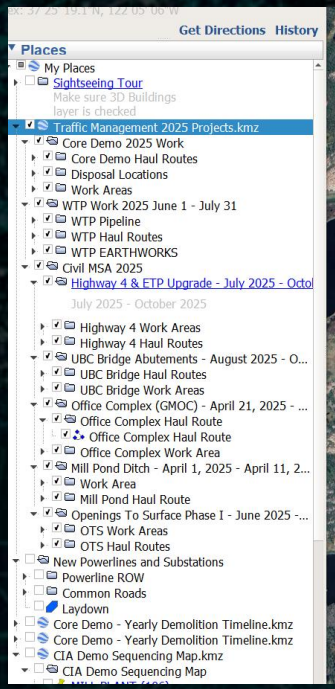
RFID Site Access

- A new digital RFID system for site access was installed giving more accurate traceability of workers onsite for their shift(s).
- This gives Site Security more control of all access points/gates coming onto and leaving the property.
- 2026 – Brock Pit Gate will also get new RFID Access gates installed.

PARSONS

Traffic Management

- Subcontractors are required to notify Parsons, in writing, of all nonroutine vehicles, loads, deliveries, and equipment coming to site.
- Subcontractor will update the traffic control site map (attached) with the proposed haul routes, road closures, and other traffic flow changes as required.
- All subcontractors are required to review the information and distribute it to their personnel.



Yearly Traffic Planning

- Early spring, planning meetings are held to identify all planned traffic for the coming construction season.
- Started in 2025 “Long Term Projects Coordination Monthly Meeting” looking ahead to help minimize upcoming traffic conflict/impacts between all contracts on site.

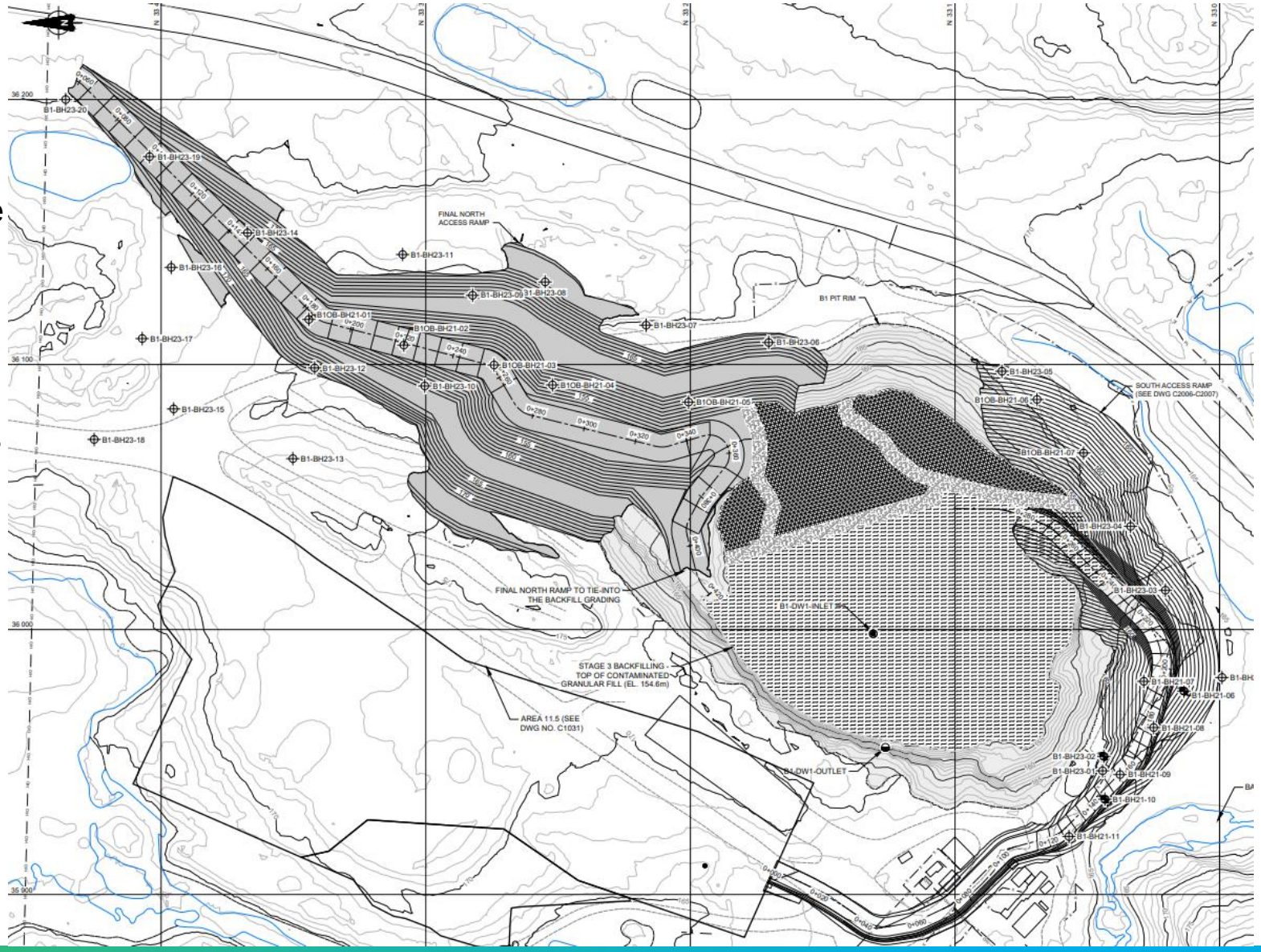
QUESTIONS

B1 PIT EXCAVATION AND BACKFILL

B1 Pit Excavation and Backfill

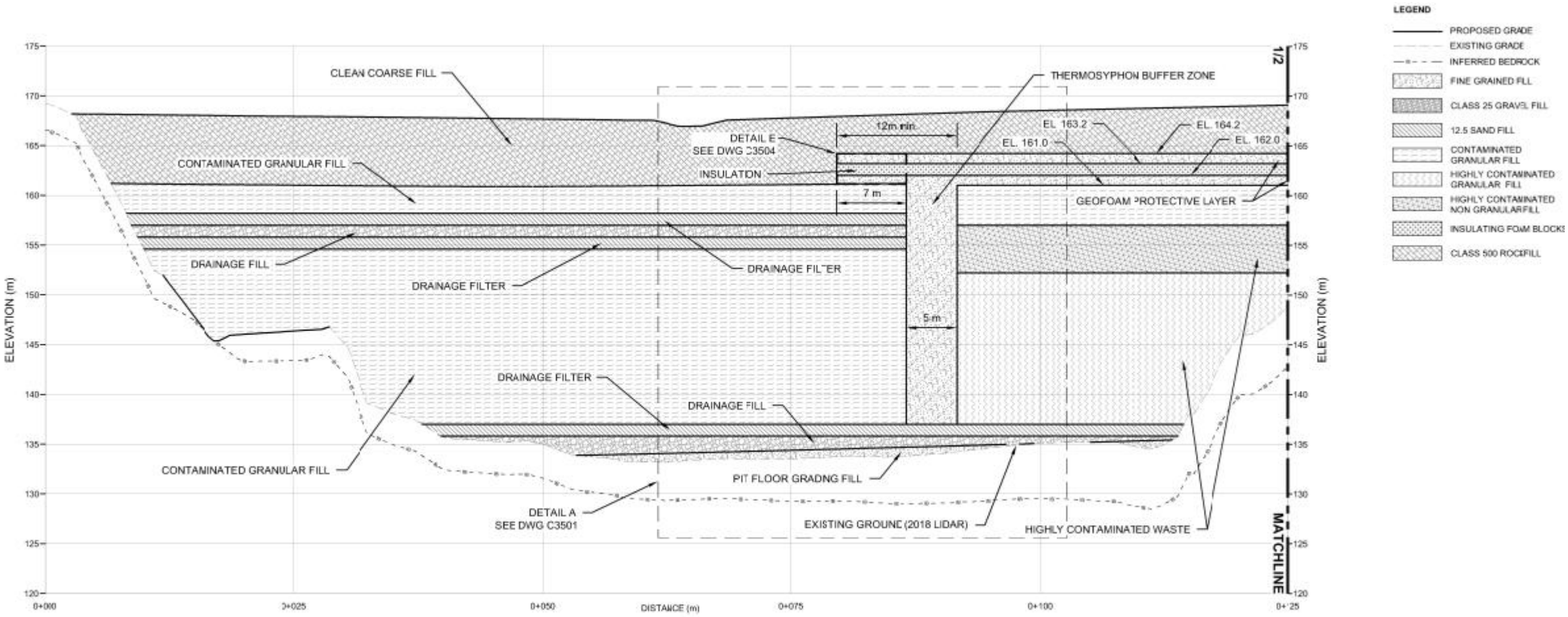
CWP High Level Overview

- Excavation of approximately 143,000 m^3 of fine grain borrow material and potentially 1,000 m^3 of bedrock to create space in B1 Pit.
- Construction of two ramps, drilling one drainage borehole and closure of six openings to surface within B1 Pit.
- Backfill of B1 Pit with contaminated soils and highly arsenic-impacted materials from the Roaster and Mill Buildings.
- High health and safety requirements and considerations due to the hazardous waste.
- The accurate and traceable construction of the backfill is critical so a future CWP can drill thermosyphons through B1 Pit.



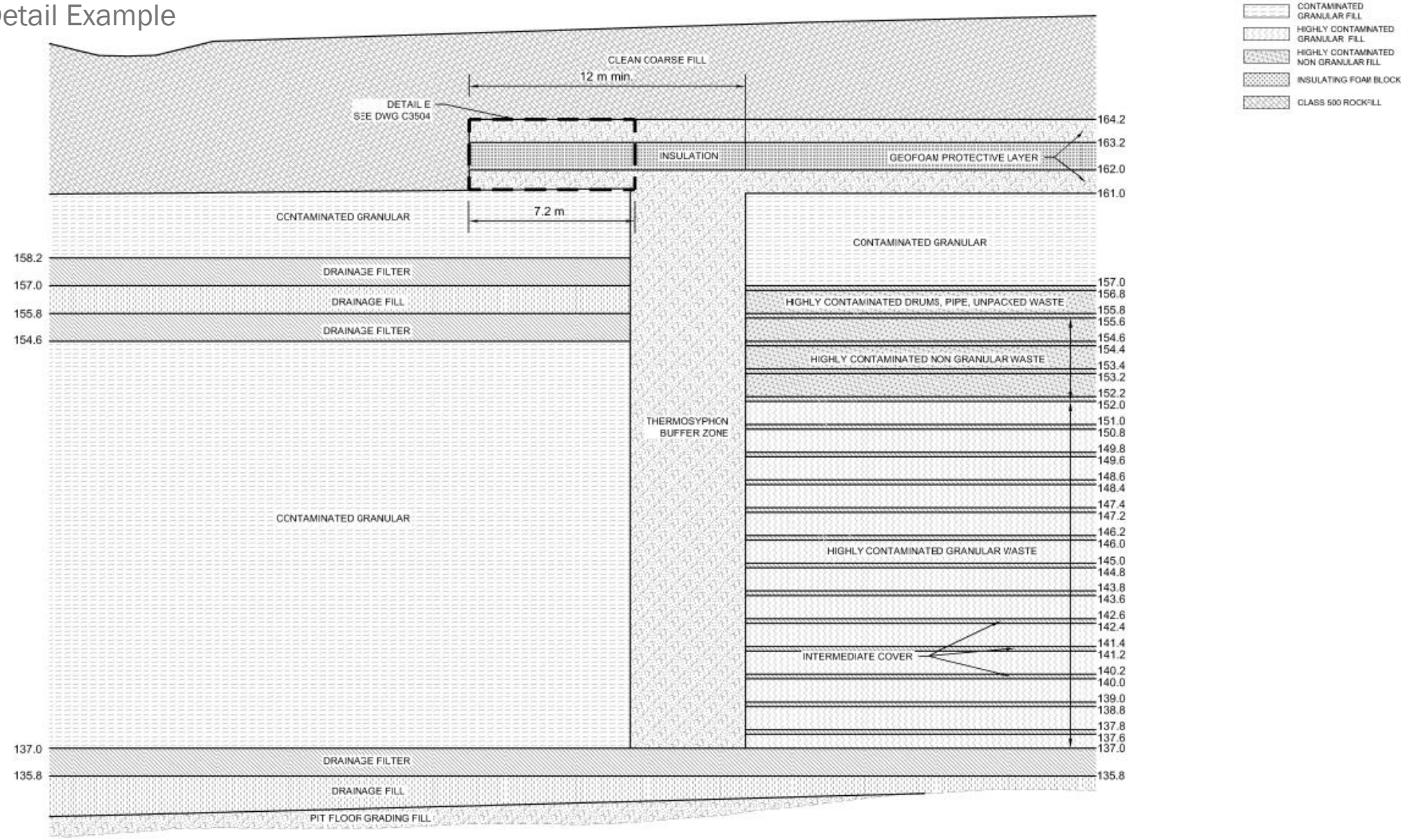
B1 Pit Excavation and Backfill

Late Stage Backfill Section Example



B1 Pit Excavation and Backfill

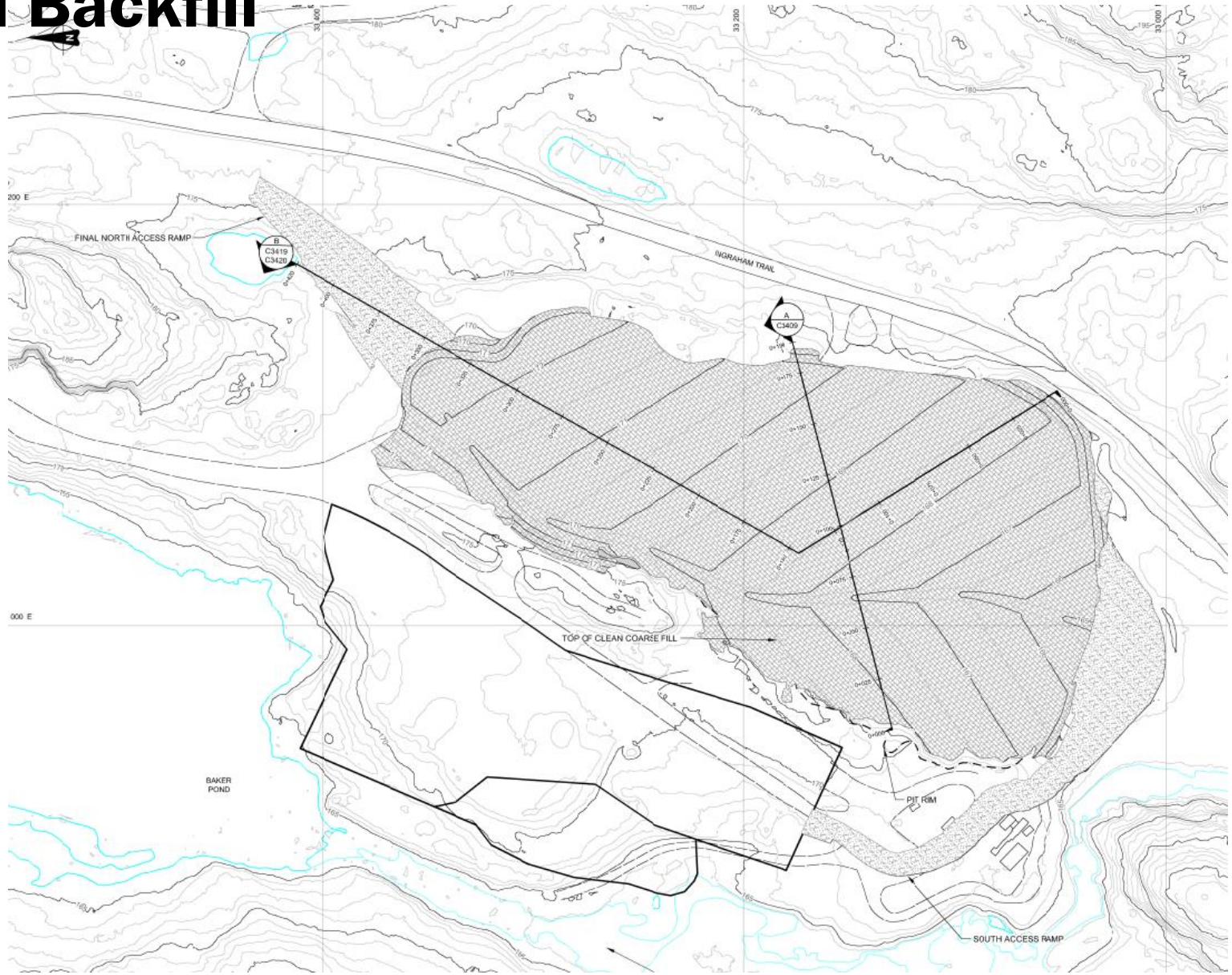
Backfilling Detail Example



B1 Pit Excavation and Backfill

Overview – Preperatory Work

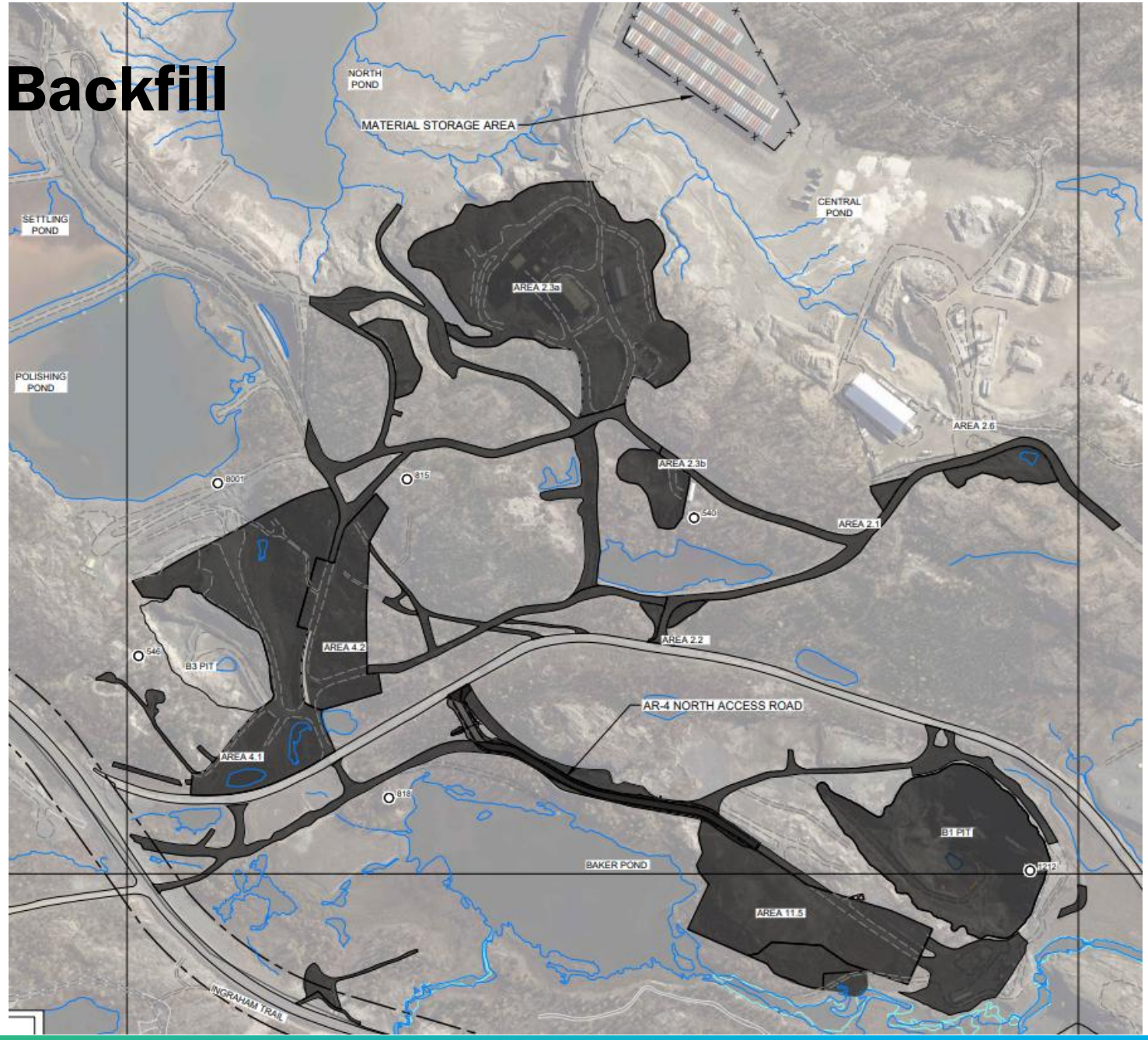
- Will require stabilization of pit walls by the subcontractor for safe entry and work in B1 Pit.
- Subcontractor to clear bootlegs for a drainage borehole that will be drilled as well as for future thermosyphons that will be installed in the completed B1 Pit.
- Removal of legacy debris scattered in the pit before backfilling.
- Submission of a Highly Contaminated Waste Disposal Plan prior to backfilling B1 Pit.



B1 Pit Excavation and Backfill

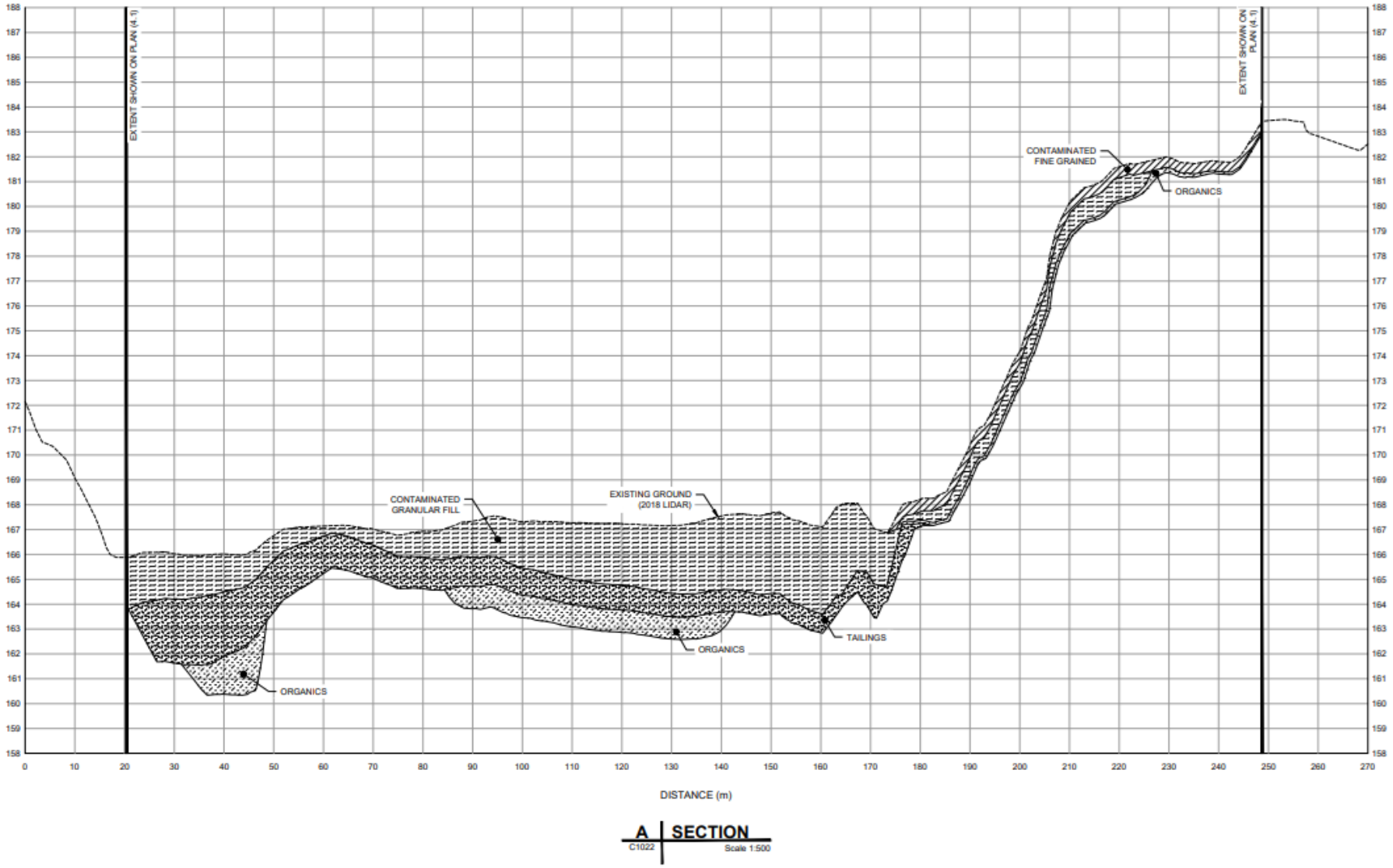
Work in Other Areas on-site

- Scope is not restricted to B1 Pit.
- Includes other excavation of contaminated soils in other areas and surrounding roads.
- Involves hauling sea containers from the Material Storage Area (MSA) to and B1 Pit, full of arsenic-impacted waste originally from the Roaster Complex.
- Also requires hauling of arsenic impacted waste from the Northwest Pond across the highway.



B1 Pit Excavation and Backfill

Contamination Soil Excavation Detail Example



B1 Pit Excavation and Backfill

Hazardous Waste Considerations

- Handling some of the most highly arsenic and cyanide impacted hazardous waste that on-site.
- Hauling, handling, emptying sea containers filled with hazardous waste into B1 Pit.
- An industrial hygienist will be required on-staff by the subcontractor to implement an Exposure Control Plan.
- The means and methods to do this safely will be proposed by the subcontractor and reviewed by Parsons and the GMRP.
- The sea containers at the MSA must be cleaned of arsenic waste for the purpose of selling for re-use or re-cycling.

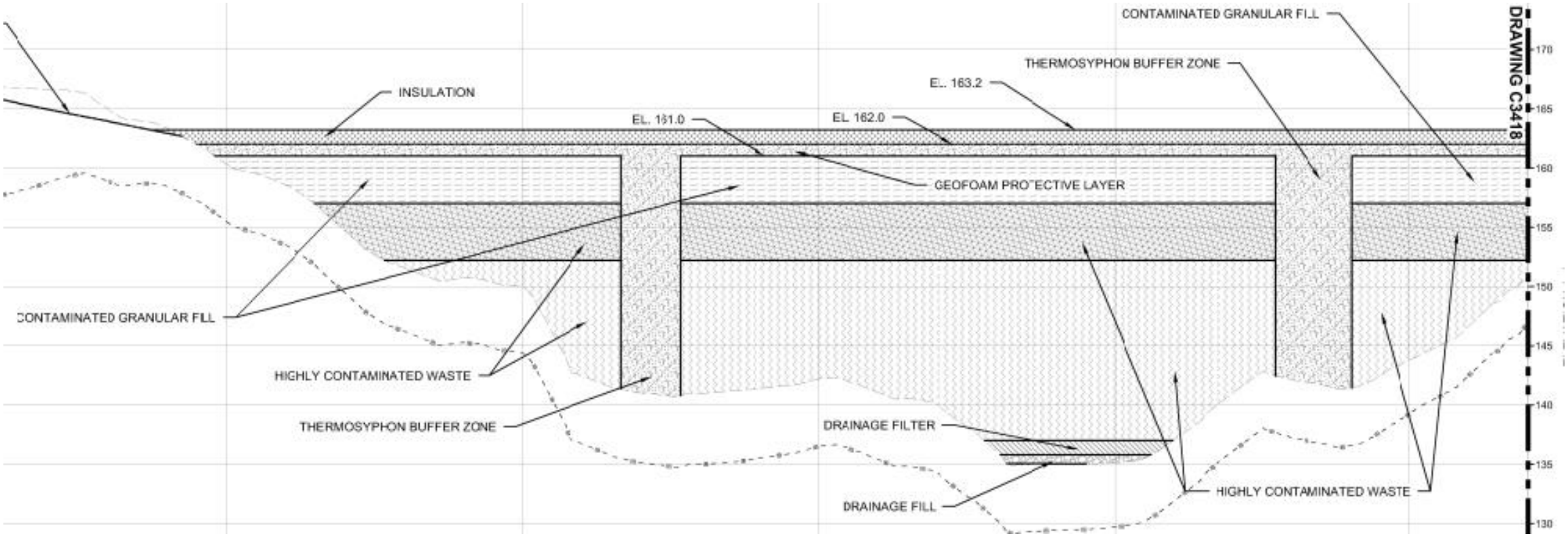
B1 Pit Excavation and Backfill

Hazardous Waste Considerations

B1 Pit Excavation and Backfill

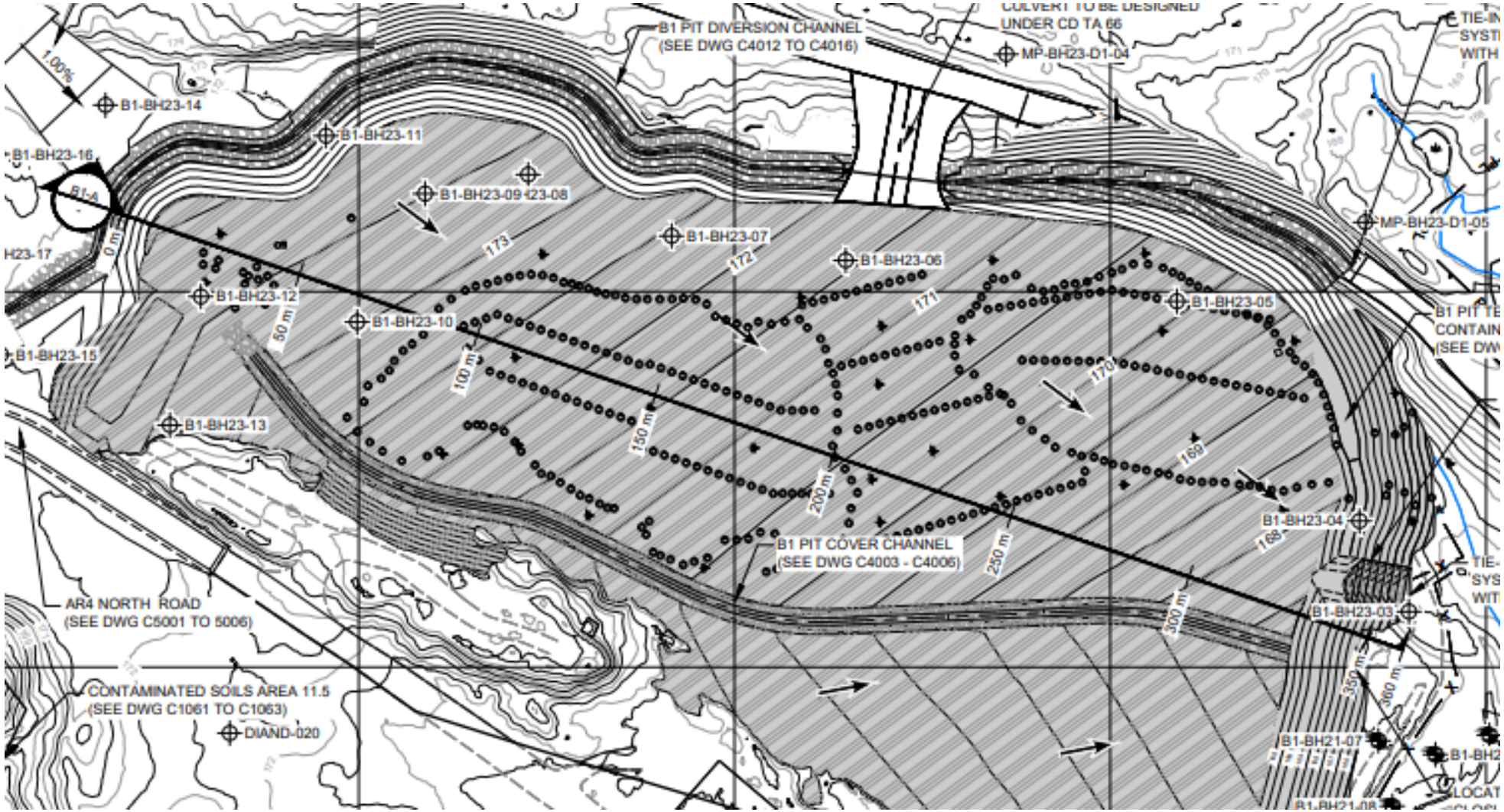
As-built and Quality Control Considerations

- Obtaining the designed compaction, correct placement of the layers of soil and waste, and construction of the thermosyphon buffer zone is critical to get right.
- Solid quality control with appropriate hold points and accurate as-builts are needed to ensure the future drilling program through B1 Pit can be successful.



B1 Pit Excavation and Backfill

As-built and Quality Control Considerations



B1 Pit Excavation and Backfill

Prequalification Considerations

- The prequalification will include the submission of a Draft Construction Execution Plan and a Draft Exposure Control Plan.
- The Draft Plans will need to focus on means and methods for safe handling of hazardous waste, high wall scaling, and bootleg clearing.
- Naming and listing key personnel will be needed at this stage, including an industrial hygienist and geotechnical engineer.

B1 Pit Excavation and Backfill

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for Proposal	October 2026	December 2026
Construction	Spring 2027	Fall 2030

QUESTIONS

BREAK

INDIGENOUS OPPORTUNITIES CONSIDERATIONS (IOC)

SOCIOECONOMIC PICTURE

1. **CIRNAC's** mandate is to meet the Government of Canada's obligations and commitments to First Nations, Inuit, and Métis and for fulfilling the federal government's constitutional responsibilities in the North.

2. **CIRNAC,** as the Owner of Giant Mine, has a mandate to provide socioeconomic benefits to Indigenous and local communities through its Socioeconomic Strategy

3. To support the goals of the Socioeconomic Strategy, **Parsons** has developed a Socioeconomic Framework for the GMRP. This includes completing periodic labour capacity studies, engaging with local groups on upcoming work, and maintaining an office in Yellowknife.

SOCIOECONOMIC CONDITIONS

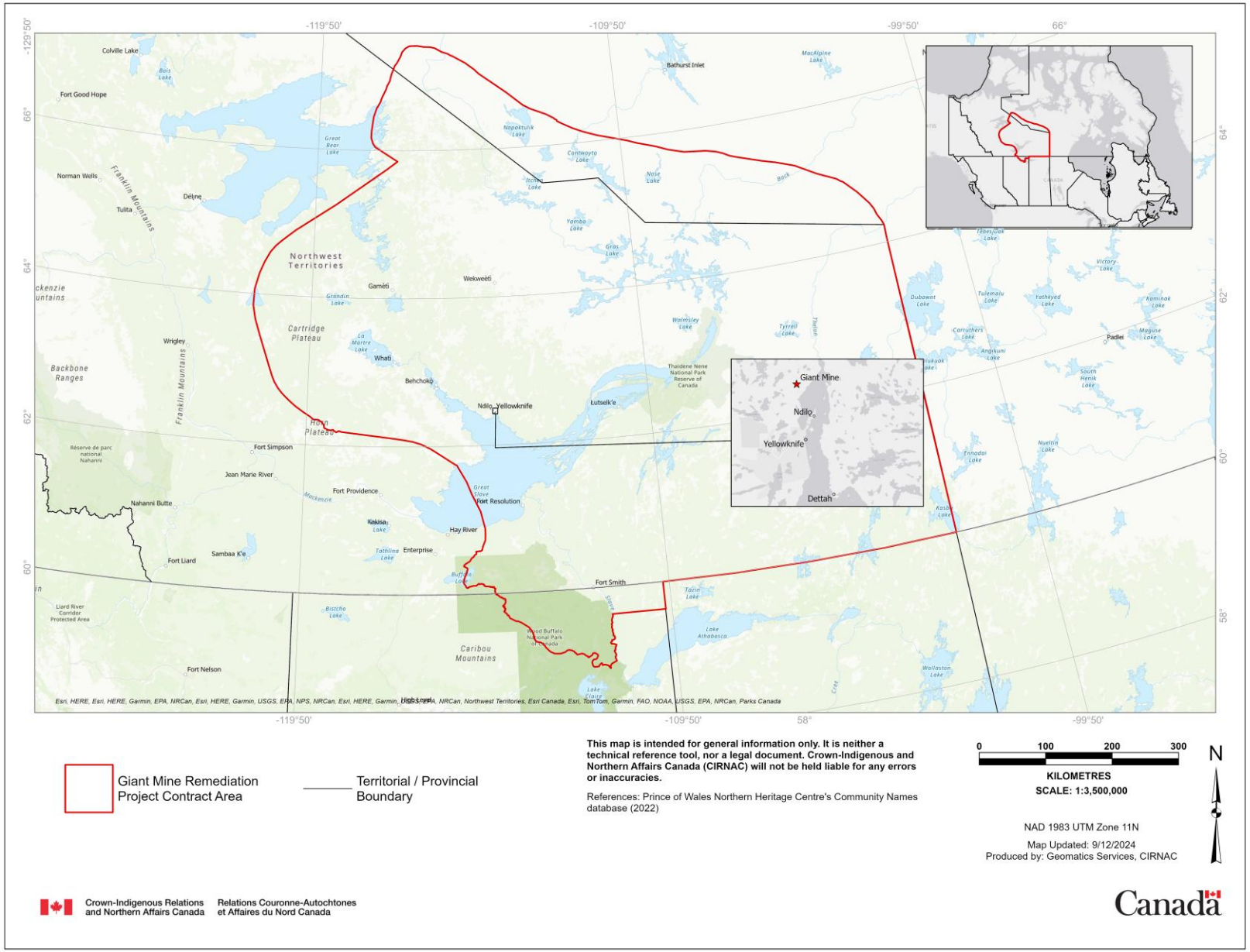
1. **Parsons** will also endeavor to package work – size, duration, complexity – to provide opportunities for Indigenous, northern, and local groups to carry out the work.

2. **Parsons** works with Indigenous, northern, and local businesses to facilitate teaming with larger companies to pursue the work on Giant Mine where possible or feasible.

3. **Parsons'** goal is to maximize economic opportunities for northerners and local Indigenous groups through employment and procurement and by addressing socioeconomic effects. Parsons will also assist CIRNAC with addressing socioeconomic effects.

How are we doing…so far

IOC – AREA OF THE CONTRACT



INDIGENOUS OPPORTUNITIES CONSIDERATIONS (IOC)

1. IOC will be in every solicitation package.
2. Parsons will set a Minimum Eligibility Threshold (MET) for each category that Parsons feels is achievable.
3. The bidder must provide a plan that outlines how they will achieve their proposed commitments.
4. Once a bidder commits to a number on labour, training, subcontracting and suppliers, that commitment is carried forward for that agreement. The subcontractor does not have to go above the MET and can go below.
5. The subcontractor will be measured against those commitments, and a bonus or penalty will be assessed at the close of the agreement.
6. Parsons is here to help along the way. If help is needed with labour or training, Parsons can connect you with people or training providers.
7. The overall goal is to support capacity building and provide opportunities where possible.

IOC COMMITMENTS

Bid Weighting	Bid Commitment	Points Received
Indigenous Training	Hours	Prorated to highest bid
Indigenous Labour	Percent of total labour hours	Sliding scale
Indigenous Subcontracting/ Suppliers	Percent of subcontract value	Sliding scale
Total		

Adjusted to local labour and contractor supply capacity

IOC bid weightings range from 15 to 35 percent

IOC PLAN- ESSENTIAL FOR BIDDING

Base definition of an IOC plan : The details a bidder submits demonstrating how the Bidder will meet its IOC Commitments.

For a Bidder to be assigned points for their designated IOC Commitments, the Bidder **must provide an IOC Plan** demonstrating how the Bidder will meet its IOC Commitments. Failure to submit an IOC Plan to support a Bidder's IOC Commitment **will default the bid evaluation to zero.**

An IOC Plan must integrate IOC commitments, experience delivering Indigenous benefits, and engaging Indigenous communities, training providers in the Area of the Contract and detailing their strategy as to how they will deliver on their commitments.

Also providing how the Bidder will work with outside organizations that have experience with Indigenous businesses and communities to leverage knowledge or programs including, but not limited to, community outreach projects, specialized training or programs, job fairs, scholarships, etc., to support the staff for the project.

IOC INNOVATIONS- ADDITIONAL CONTRIBUTIONS

In addition to the required commitments and plans, Bidders may also now provide, details of additional initiatives of their socio-economic commitments or additional contributions within the scope of the contract. In effect, the long-term **legacy** the bidder leaves behind to the community or region.

Examples include:

- **Contributions related to corporate responsibility,**
- **Community development,**
- **Social license to operate, ensuring a meaningful and sustainable impact on the community.**

Note, these contributions are optional and not currently evaluated under the IOC Program but may inform and inspire future changes to the IOC Program.

SUBCONTRACTOR REPORTING

TRAINING HOURS

Report all training delivered to your own staff and that of your subcontractors.

Total hours of training each labourer and apprentice receives.

Training Certificates

LABOUR HOURS

Report all labour hours (your own labour and that of your subcontractors), including labourers and apprentices,

Report employee name, title, and ID as well as Northwest Territories residential status and skill level.

PROCUREMENT VALUE

Report on all your supplier/vendor expenses and your own internal expenses, e.g., labour.

- Your internal expenses ($)
- Your subcontractors and suppliers and the value of your procurement ($)

Subcontractor's monthly invoice amount to Parsons will match the IOC monthly report submission.

CLOSEOUT

End of agreement closeout report and sign off.

- Project IOC reporting
- Document due diligence undertaken to achieve your IOC commitments
- Provide supporting documentation such as invoices, work logs, payroll receipts, etc.

Document your efforts to meet your IOC commitments

PROCUREMENT STRATEGY FOR INDIGENOUS BUSINESS

Eligibility

Eligibility for Procurement Strategy for Indigenous Business (PSIB)

A business must be at least 51 percent owned and controlled by Indigenous peoples. An Indigenous business can be:

- a band as defined by the Indian Act
- a sole proprietorship

or

- a limited company
- a cooperative
- a partnership
- a not-for-profit organization in which Indigenous persons have at least 51 percent ownership and control

or

- a joint venture consisting of two or more Indigenous businesses or an Indigenous business and a non-Indigenous business provided that the Indigenous business or businesses have at least 51 percent ownership and control of the joint venture

PROCUREMENT STRATEGY FOR INDIGENOUS BUSINESS (PSIB)

How PSIB is applied to solicitations

PSIB Regional Conditional

1. When it is impossible to determine Regional PSIB Indigenous Business capacity with at least **two** potential PSIB Regional Indigenous Businesses, then the solicitation may go PSIB Regional Conditional.
2. In the case of the PSIB Regional Conditional strategy being implemented, if two or more Indigenous Businesses from the Area of the Contract bid, the solicitation will be restricted to these Indigenous Businesses in the Area of the Contract.
3. If less than two Regional Indigenous Businesses bid, the solicitation will be open to any businesses in the Area of the Contract.

PROCUREMENT STRATEGY FOR INDIGENOUS BUSINESS (PSIB)

How PSIB is applied to solicitations

PSIB Regional

1. When there are two or more Regional PSIB Indigenous Businesses with confirmed affiliation with any Indigenous groups that demonstrate the capacity to perform the work, then the solicitation is PSIB Regional.
2. PSIB Regional bidders may be subject to prequalification prior to posting the solicitation on MERX. If there is only one prequalified local PSIB Indigenous Business, then the solicitation will be PSIB Regional Conditional.

QUESTIONS

THANK YOU
MAHSI CHO

Wrap-up of Day 1

Day 2 includes:

- Earthworks remediation
- Environmental Program at GMRP
- Environmental MSA
- Demo – All Remaining Areas
- Baker Creek Reaches 4.5.6
- Northwest Pond Tailings Containment Area
- AR1 Freeze System Installation

PARSONS

INDUSTRY DAY 2025 – DAY 2

Giant Mine Remediation Project (GMRP)

Parsons' Main Construction Manager (MCM) Team
November 5, 2025

AGENDA

Day 2 – November 5, 2025

- Welcome back
- Earthworks Remediation Package
- Parsons GMRP Environmental Program
- Demo and Debris All Remaining Area
- Environmental MSA
- Baker Creek Reaches 4,5,6
- Northwest Pond Tailings Containment Area and B4 Pit
- AR1 Freeze System Installation
- General Questions and Answers
- Wrap up and next steps
- Closing Prayer

EARTHWORKS REMEDIATION

EARTHWORKS REMEDIATION

CWP Overview

1. A civil earthworks remediation CWP.
2. The work is the integration of contaminated soil remediation across the Giant Mine, backfilling of designated open pits, and rehabilitation of the original Tailings Containment Area (TCA).
    a. It is the primary contaminated soil remediation CWP for Giant Mine.
    b. Backfilling of A1, A2, B2, and B3 open pits.
    c. Rehabilitation of the original TCA (South Pond, Central Pond, North Pond, Polishing Pond and Settling Pond)

    Note: The backfilling of B1, C1, and B4 pits, the Northwest TCA, and the nearshore/foreshore tailings work will be completed under separate contracts.
3. The work will require construction and maintenance of haulage routes.

EARTHWORKS REMEDIATION

Contaminated Soil Excavation and Disposal.

1. Integration of contaminated materials disposal strategy.
   a. Contaminated soil excavation, placement as backfill for open pits and backfill for TCAs.
2. Contaminated material at Giant Mine is primarily contaminated granular fill as 75 percent of total volume.
3. Tailings, calcine, and contaminated fine-grain soil account for 15 percent of total volume.
4. PHC contaminated soil, contaminated sediment, and buried waste represent the smallest volumes.
5. Two disposal location areas have been identified for contaminated soils and sediment: open pits and TCAs.
   a. The A1, A2, and B2 pits were identified as suitable locations for disposal of contaminated granular fill.
   b. Contaminated fine-grain soil and a portion of the contaminated granular fill will be disposed of in the TCAs. In addition, excavated tailings and contaminated sediment will be disposed in the TCAs. PHC contaminated soil, calcine, and contaminated materials from the Mill Pond will be disposed in a dedicated cell within the North TCA

EARTHWORKS REMEDIATION

Highlights of Scope – Contaminated Soil Excavation, Overview

The CWP is the remediation of more than 1,000,000 m^3 of contaminated soil across 100 ha of the site, including excavation of approximately 100,000 m^3 of impacted soil over difficult bedrock, forest, and wetland terrain.

Major areas for Contaminated soil removal:

a) Core Industrial Area.

b) Roaster, Mill Plant and Mill Pond Area.

c) Areas at western side of Baker Creek.

d) Shoreline lands with bedrock, forest and wetland terrain.

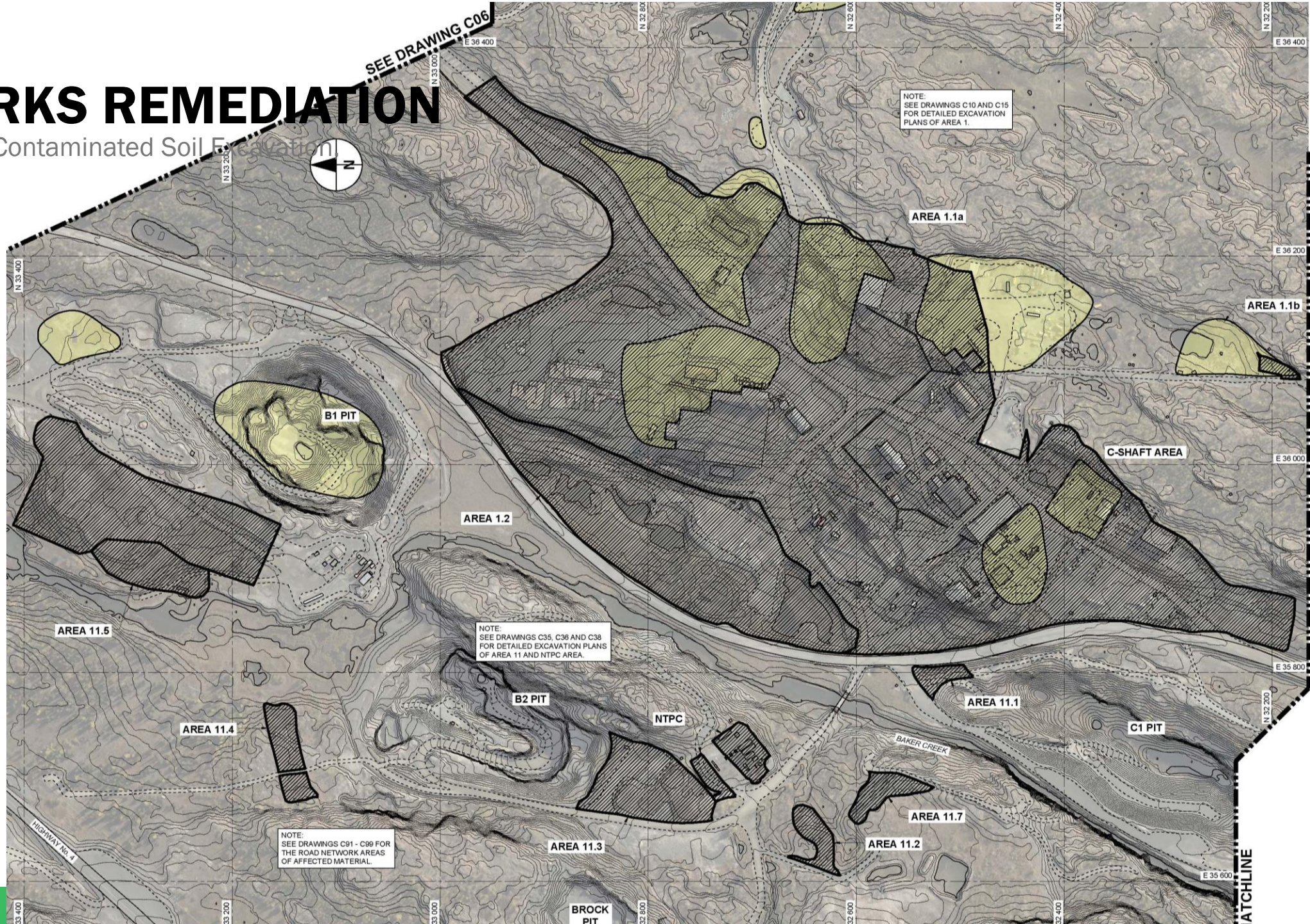
e) Area Downgradient of Dam 3.

f) Roadways outside of above defined areas.

EARTHWORKS REMEDIATION

Highlights of Scope – Contaminated Soil Excavation
Example Work Area

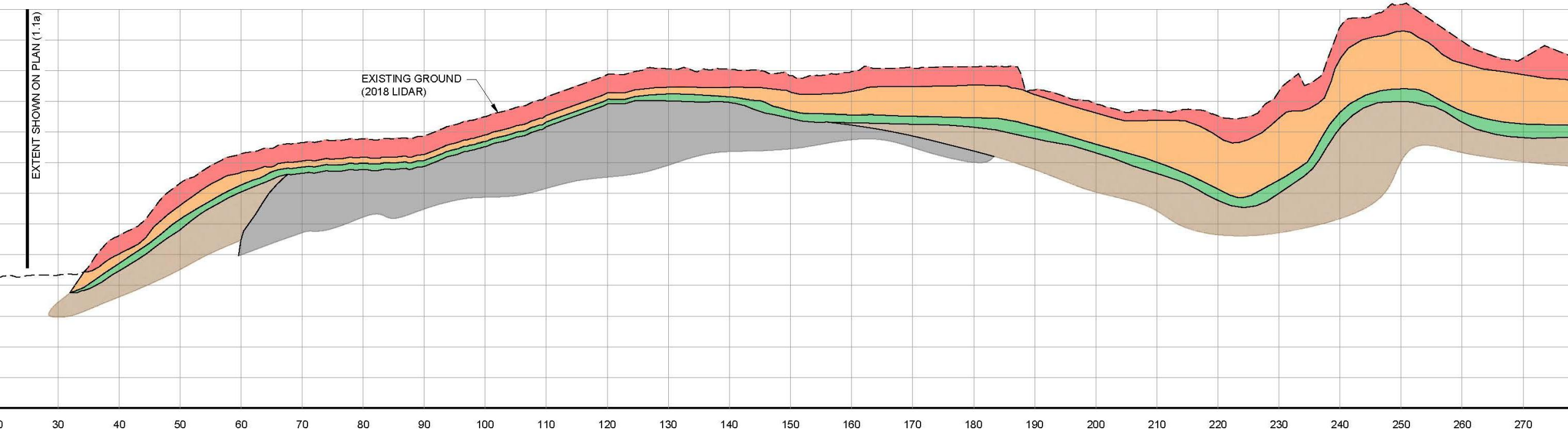
Core Industrial Area



EARTHWORKS REMEDIATION

Highlights of Scope – Contaminated Soil Excavation, Example Work Area

Core Industrial Area



EARTHWORKS REMEDIATION

Highlights of Scope – Contaminated Soil Excavation, Implementation

Implementation of the CWP will include the following:

1. Remedial excavation of contaminated soils, hauling to designated receiving areas in the pits and original TCA, and coordinating placement of contaminated soils with the construction of the pits and TCA.
2. Construction of new Mill Pond drainage sump including drilling of well to connect to mine pool.
3. Installation of Retaining wall between Upper and Lower pad of AR3 Freeze pad.
4. Transport, place, and compact Owner-supplied coarse-grain borrow to construct the AR2 Freeze Pad and AR3 Freeze Pad.
5. Material tracking (by type and area) and implementation of a manifest tracking system will be key components of soil movement.

EARTHWORKS REMEDIATION

Highlights of Scope – Pit Backfill, Overview

Backfilling of the pits will include placement of approximately 600,000 m^3 of contaminated soil from the remediation work, backfilling of more than 1,100,000 m^3 of Owner-supplied clean borrow, and placement of bituminous geomembrane (BGM) covers.

- Closing 14 mine openings within the pit
- Blasting of 140,000 m^3 of A1 high wall

EARTHWORKS REMEDIATION

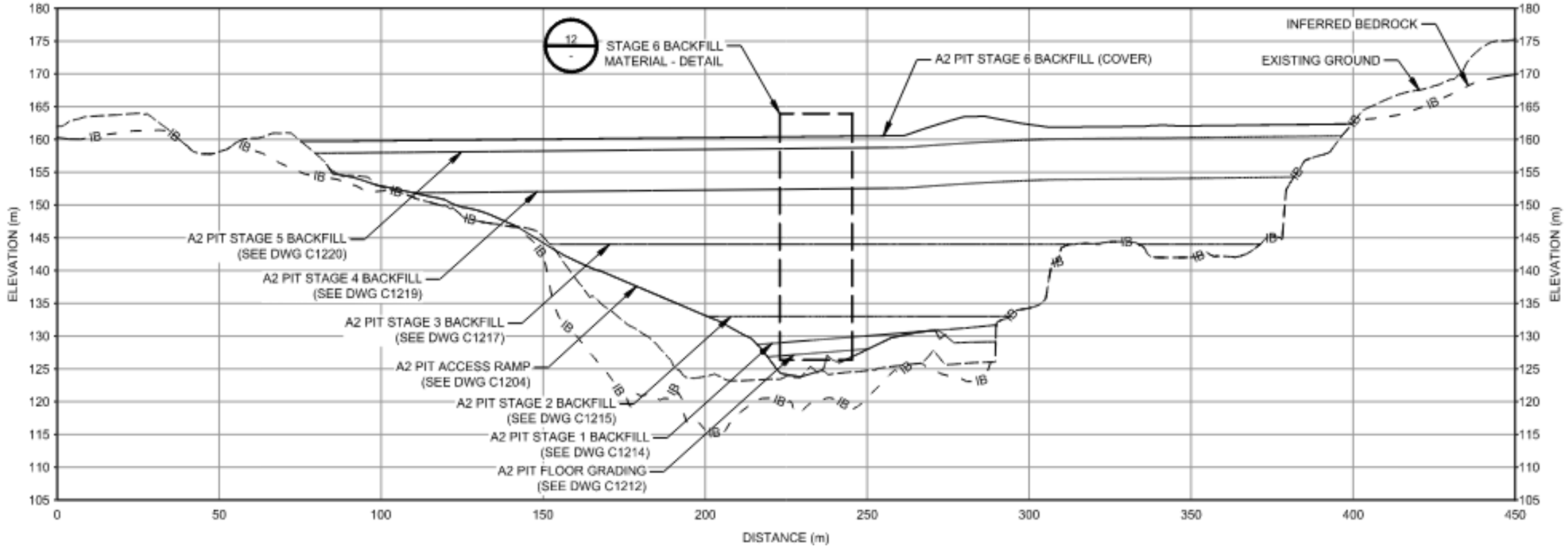
Highlights of Scope – Pit Backfill, Implementation

Implementation of the CWP will include the following:

1. Preparing the pits for backfill:
   a. Stabilize pit high walls for safely working in the pits.
   b. Development of a new access ramp.
   c. Removal of fine-grain material inside the pit.
2. Backfilling the pits with contaminated soil from the remedial excavations.
3. Compaction of pit fill layers.
4. Drilling of drainage holes within pit fill.
5. Close underground openings within the pits.
6. Backfilling the pits with Owner-supplied coarse-grain borrow.
7. Construct the water shedding cover for the pits.
8. Construct the surface drainage network adjacent to the pit covers.

EARTHWORKS REMEDIATION

Highlights of Scope – Pit Backfilling, Example Work Area

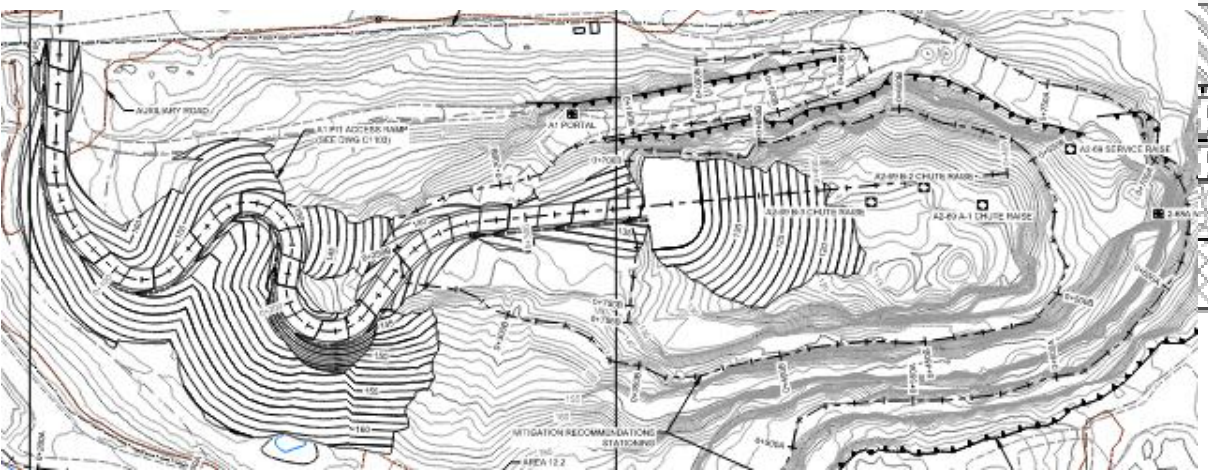


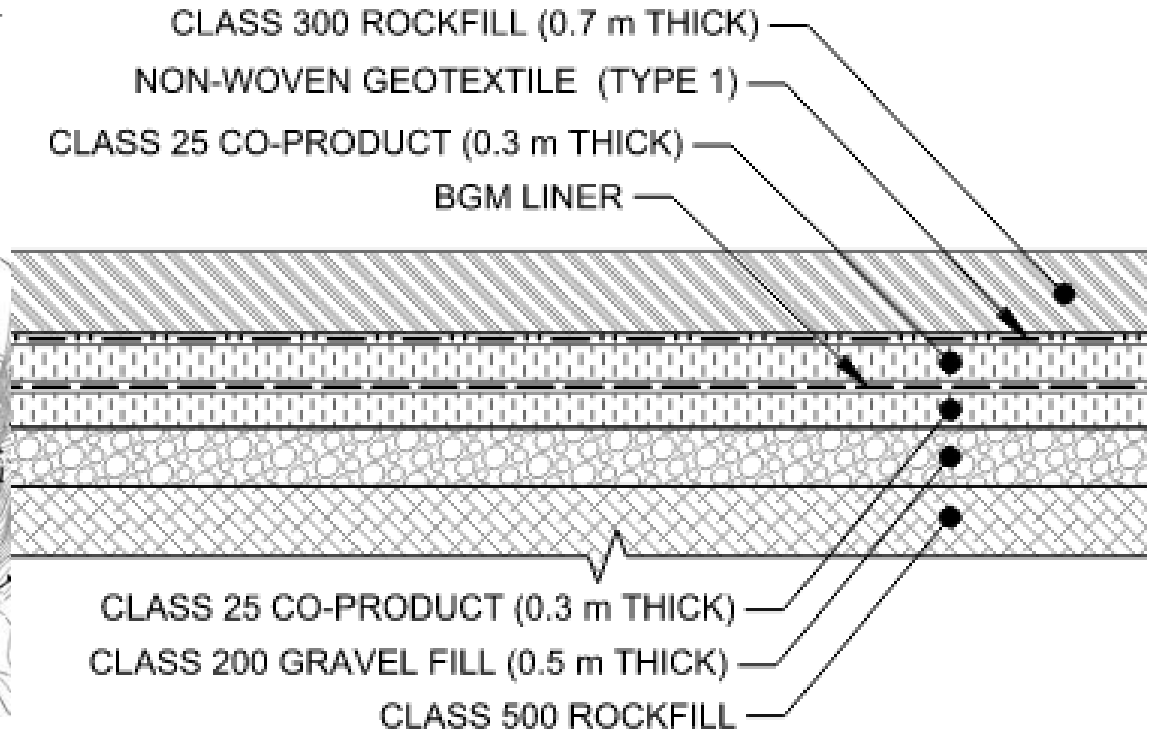
*Drawings not to scale

EARTHWORKS REMEDIATION

Highlights of Scope – Pit Backfill, Example Work Component

Pit Cover & Access Ramp





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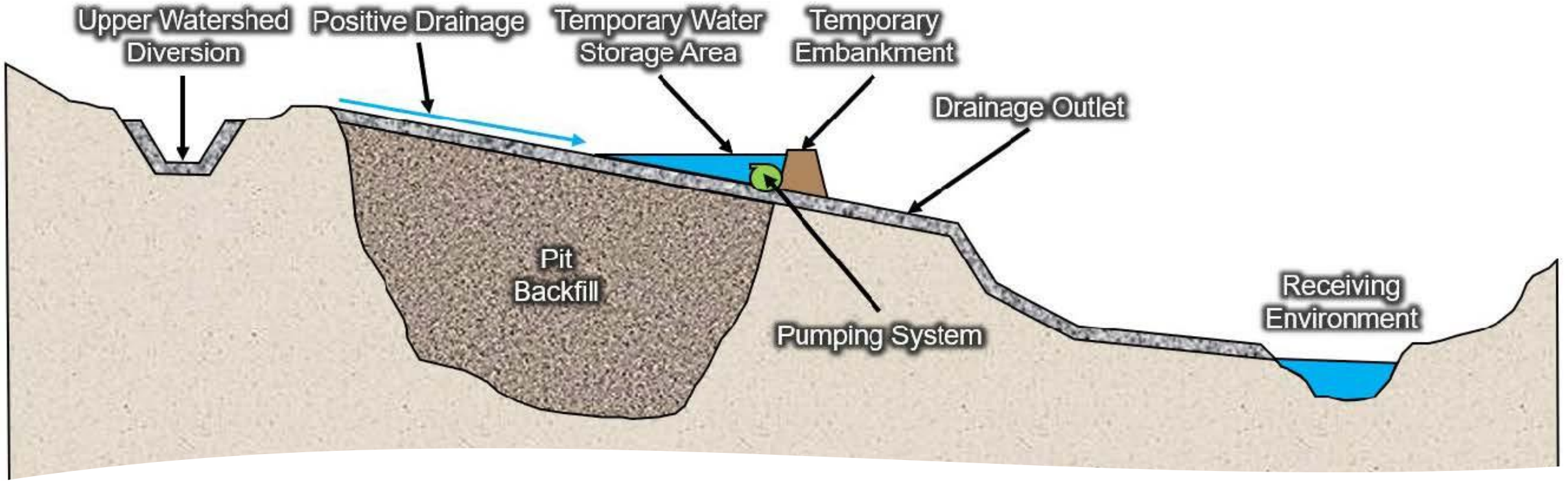
EARTHWORKS REMEDIATION

Highlights of Scope – Pit Backfill – Water Management



*Drawings not to scale

EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of South Pond TCA, Backfill of North and Central Pond TCA, Overview

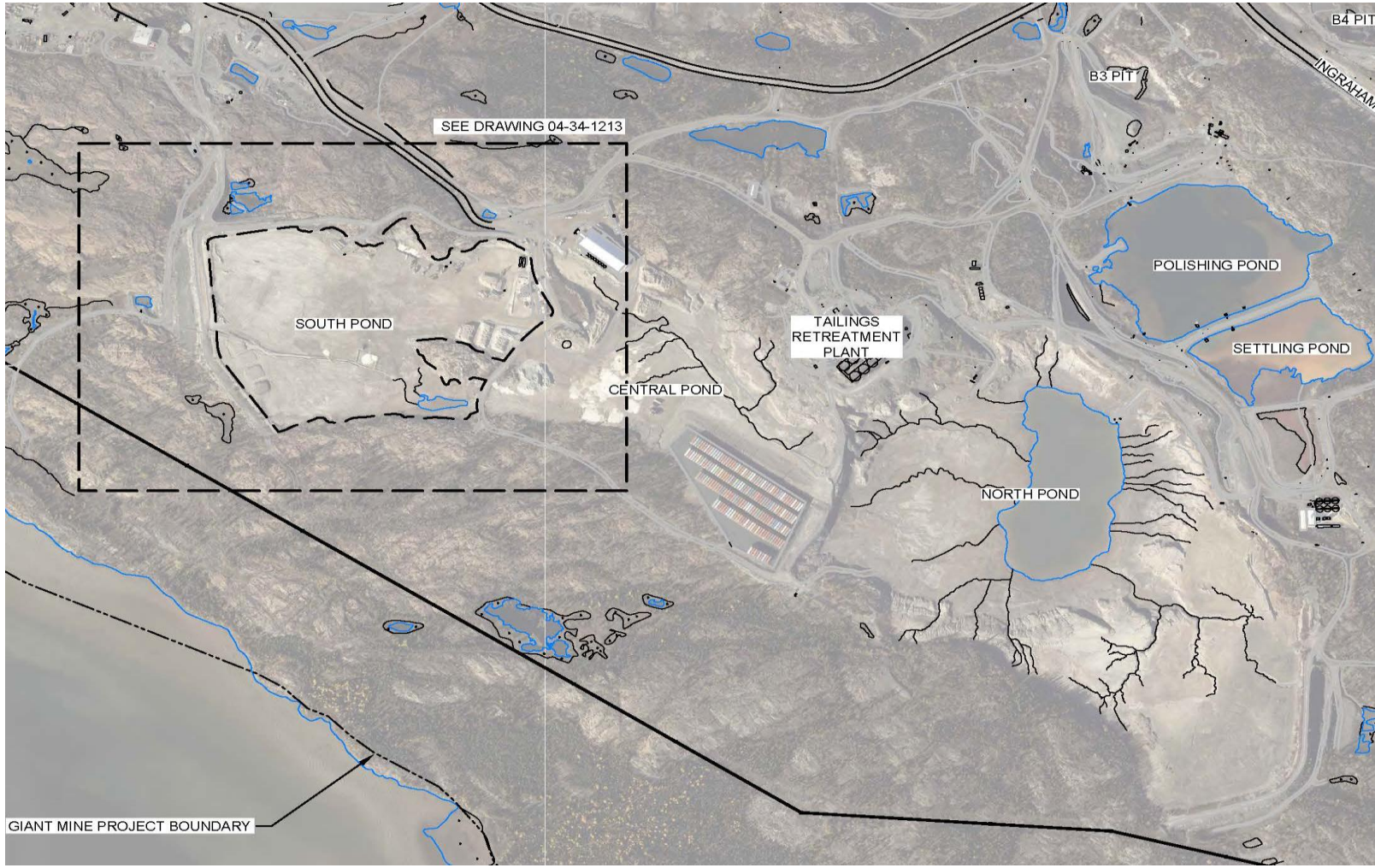
Rehabilitation of the original TCA will include placement of more than 400,000 m^3 of contaminated soil from the remediation work, the excavation and relocation of more than 1,000,000 m^3 of the South Pond tailings to Central/North Pond, backfilling of more than 1,200,000 m^3 of Owner-supplied clean borrow, and construction of a greater than 67 ha BGM cover.

- Including installation of a dewatering system for the South Pond

EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of South Pond TCA, Backfill of North and Central Pond TCA, Work Areas

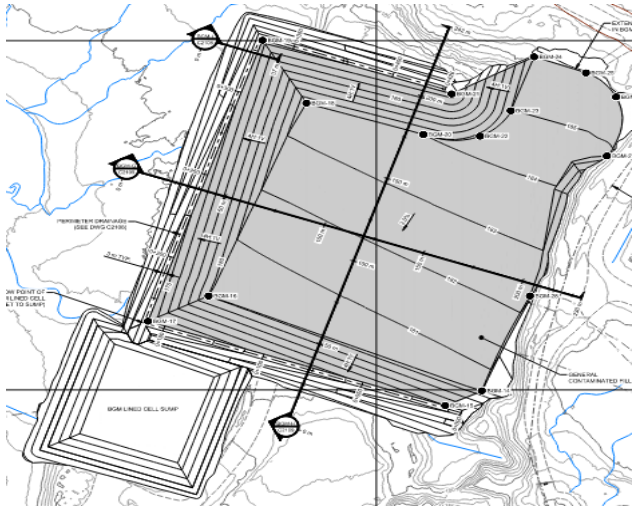
Original Tailings Containment Area



EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of South Pond TCA, Backfill of North and Central Pond TCA, Implementation

Implementation of the CWP will include the following:



1) South Pond tailings relocation to North Pond and Central Pond.
   a. Including supply, install, operate, and maintain a South Pond dewatering system.
   b. Dams 11 and 12 removals.
   c. Removal of existing Dam 7 and installation of new one
   d. Rehabilitation of Dam 4 and 5.
   e. Excavation of Contaminated soil from Area 8 & disposal.
   f. Construction of channel from South Pond TCA to Fore Shore.
   g. Reclamation of South Pond.

2) Rehabilitation of North Pond & Central Pond.

a) Construction and operation of a BGM Lined dedicated cell at North Pond to receive designated wastes.

b) Rehabilitation/Regrading of Dam 2, Dam 3, Dam 8, Dam 9 and Dam 10.

c) Placement and compaction of site-generated contaminated soils, relocated South Pond tailings and sediments delivered

Note: Dewatering of saturated soil and Conditioning of soil by blending will be required.

EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of South Pond TCA, Backfill of North and Central Pond TCA, Implementation

Continued- Implementation of the CWP will include the following:

3) Placing of Engineered cover.

4) Managing water runoff for the duration of work will be a key component of the planning.

5) Polishing Pond and Settling Pond.

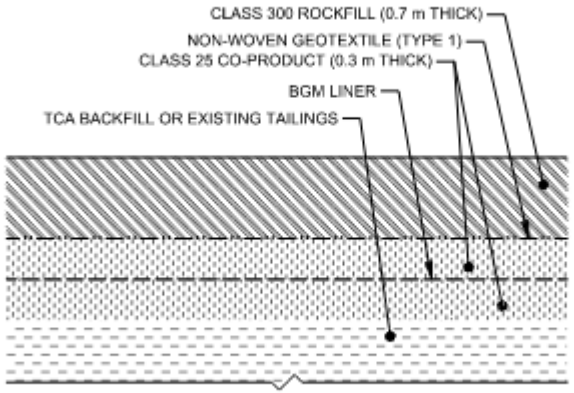
a) Backfilling and grading of contaminated material.

b) Decommissioning of Thermosyphons at Dam 1.

c) Placing of Engineered cover.

6) Tailings Force main pumping system

Installation of a temporary pumping system to discharge TCA cover run off to Mill Pond.

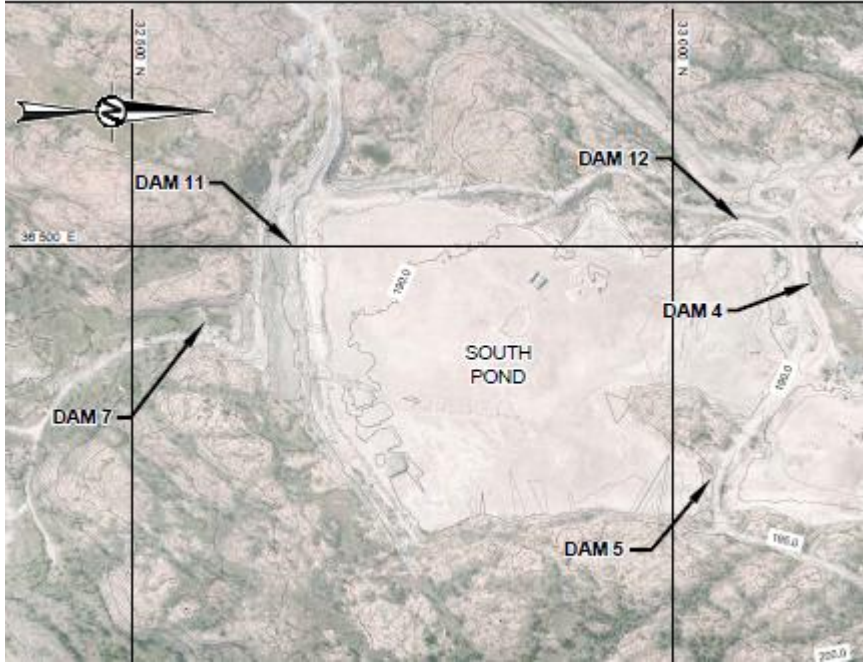


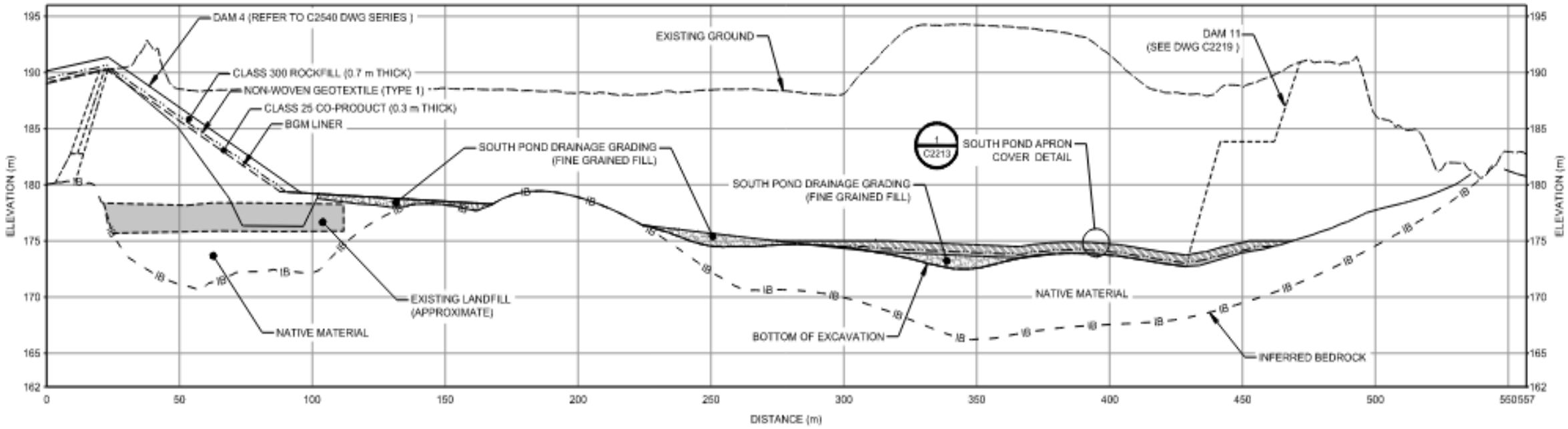
COVER OVER TCA BACKFILL OR EXISTING TAILINGS - DETAIL

EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of South Pond TCA

South Pond

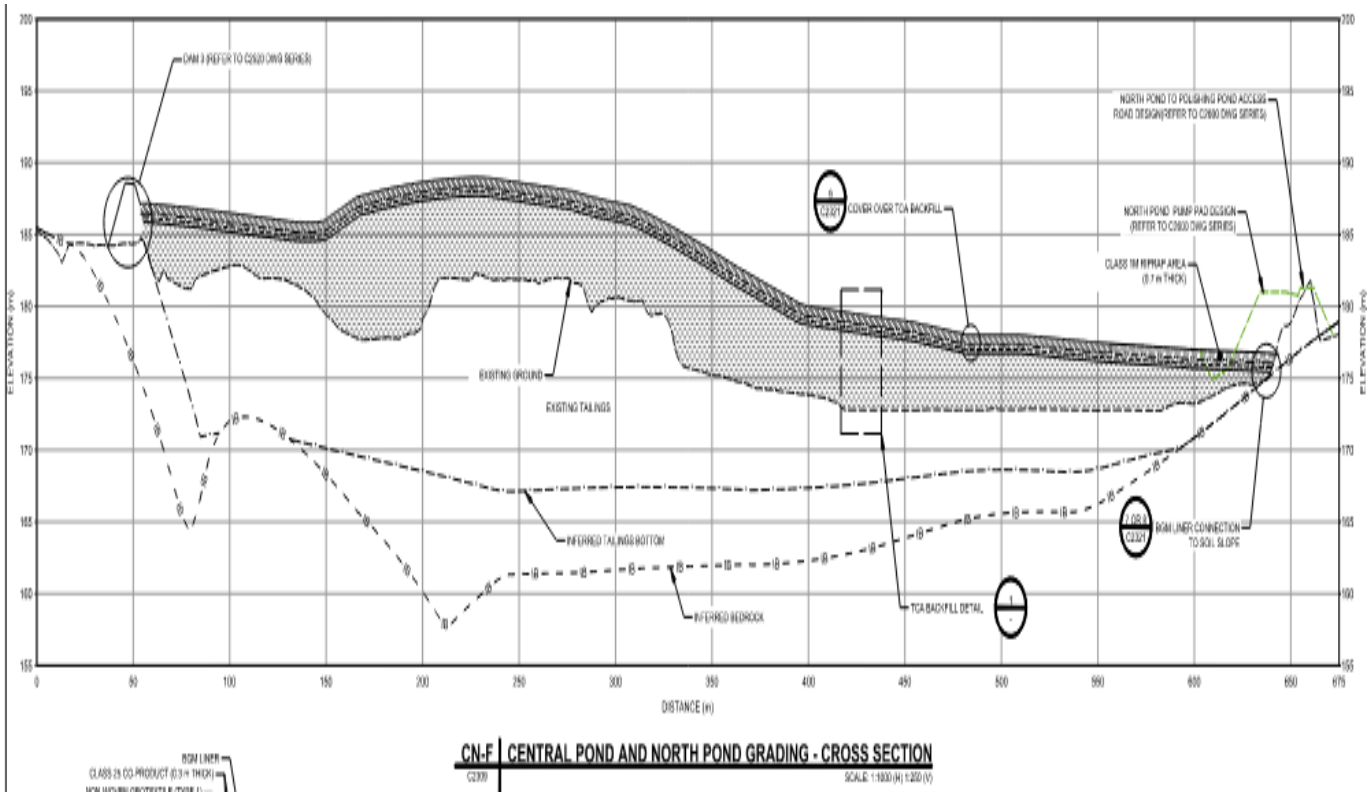


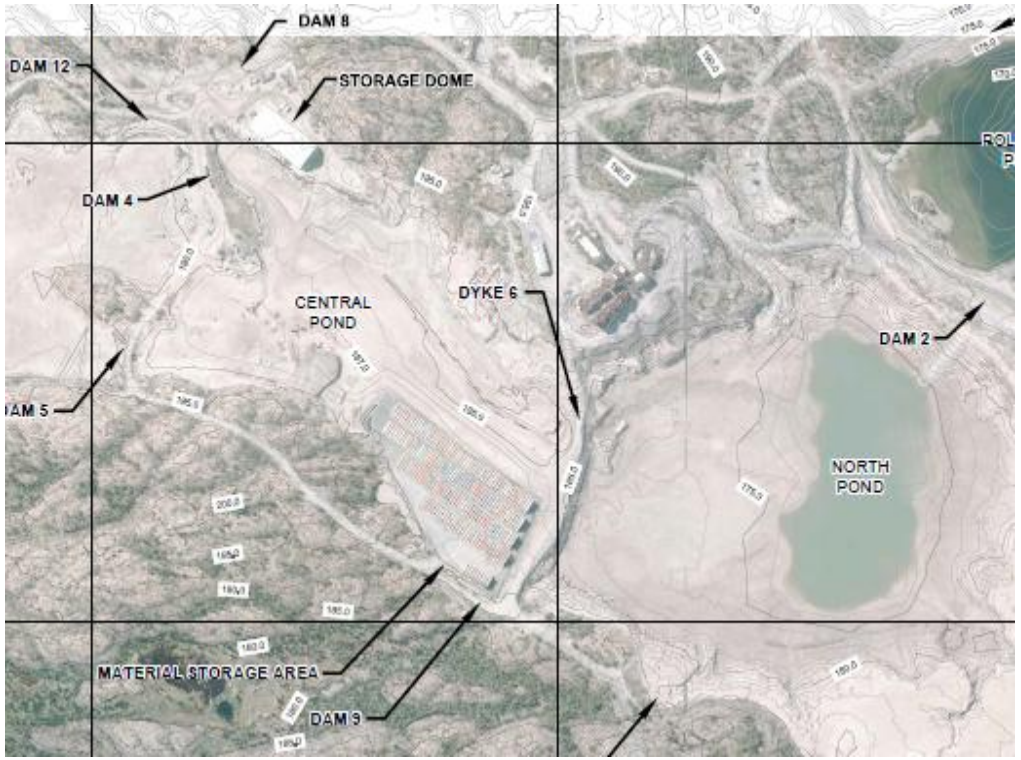


EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of Central Pond and North Pond.

Central Pond and North Pond

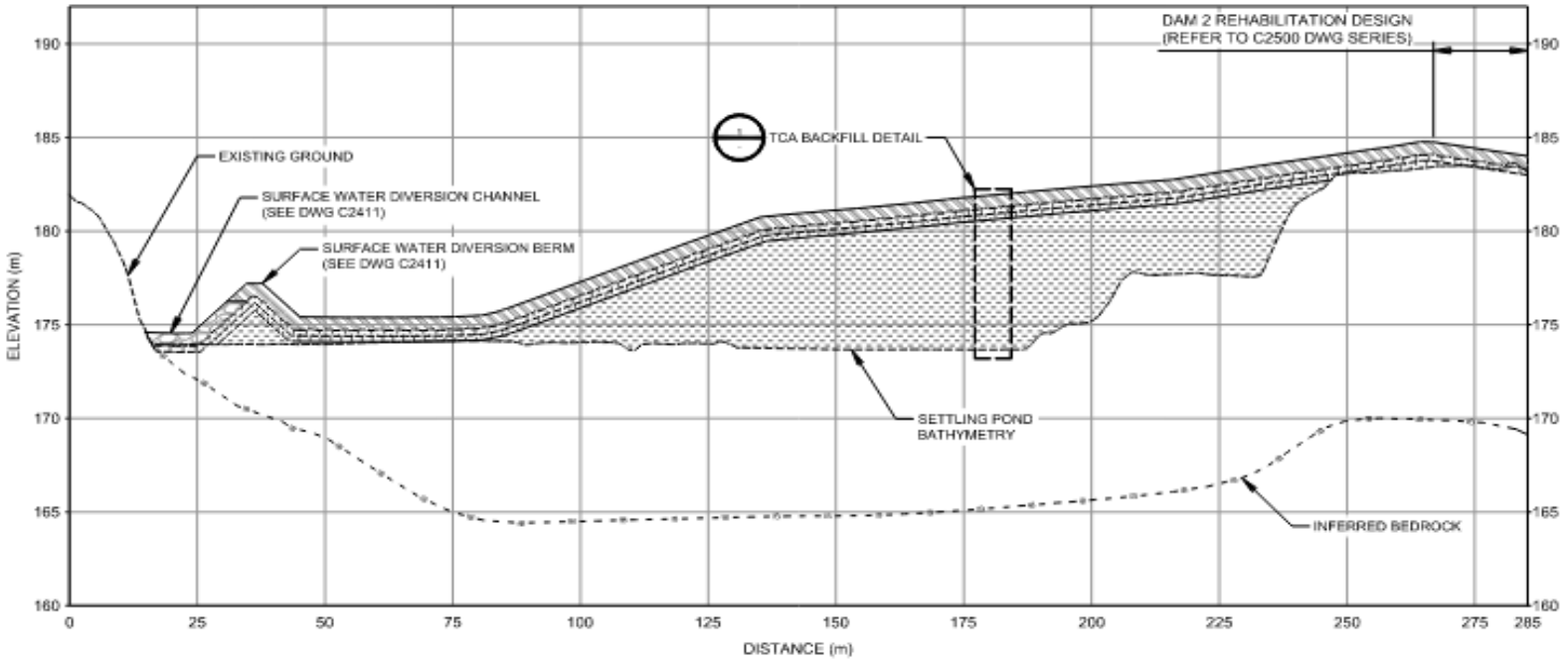




EARTHWORKS REMEDIATION

Highlights of Scope – Rehabilitation of Polishing Pond and Settling Pond

Polishing Pond and Settling Pond



PS-A | POLISHING POND AND SETTLING POND - CROSS SECTION

C2404

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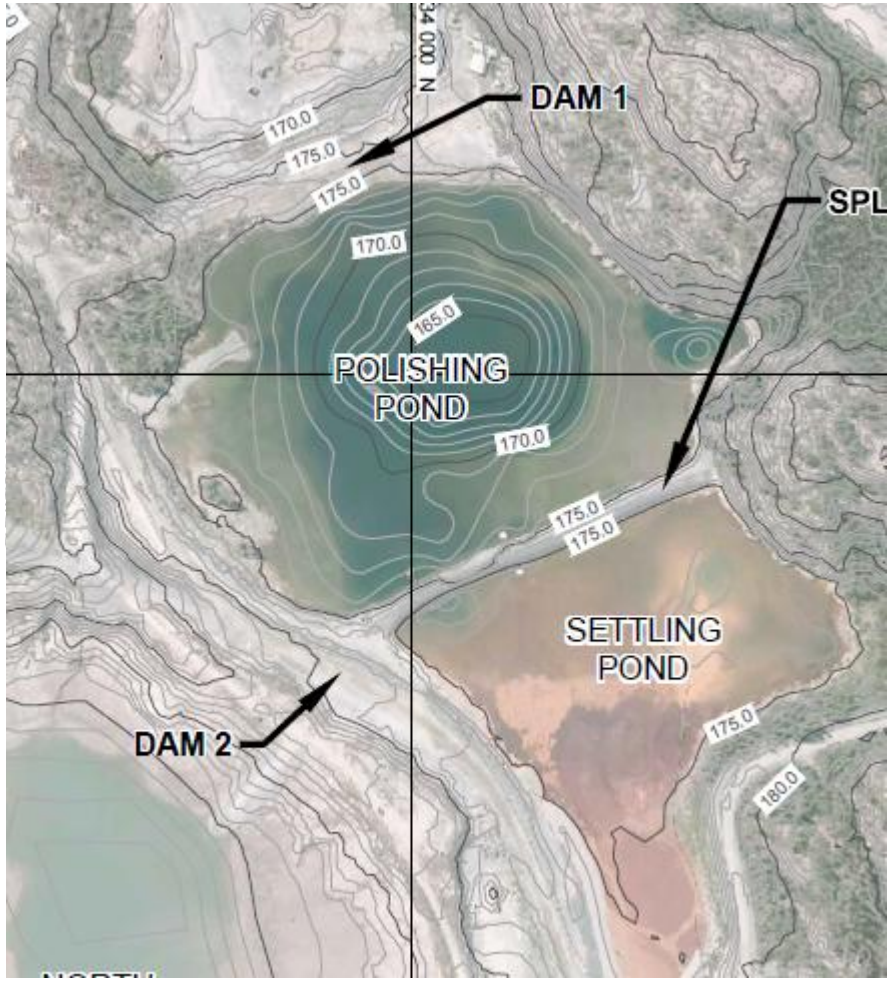


EARTHWORKS REMEDIATION

Key Considerations for Bidders

Required key personnel/technical experience.

1. Geotechnical and mining qualified persons will be required by the subcontractor to plan and monitor safe work in the open pits (access and backfill).
2. Experience in handling and movement of wet tailings (e.g., excavate, haul, and place approximately 1,000,000 m^3 of South Pond tailings to North/Central Pond).
3. Experience in short- and long-term environmental control of contaminated soils excavation areas, Tracking of contaminated soil volumes, disposal locations, and aggregate requirements, including forecasting weekly, monthly, yearly and for the entire project requirements for volumes to be excavated and backfilled.
4. Experience in short- and long-term water management.
5. Quality control team, professionals who understand quality management, inspection test plans, checklists, document closure requirements, industry standards; dedicated quality manager, quality control leads that will be onsite during construction and management of quality records and documents,
6. Health and Safety team, qualified safety professionals, dedicated professional health and safety manager, safety personal that will be onsite during construction.
7. Scheduler that will manage the timeline for the project, including monthly updates for the status of the different aspects of the work packages to closure.

EARTHWORKS REMEDIATION

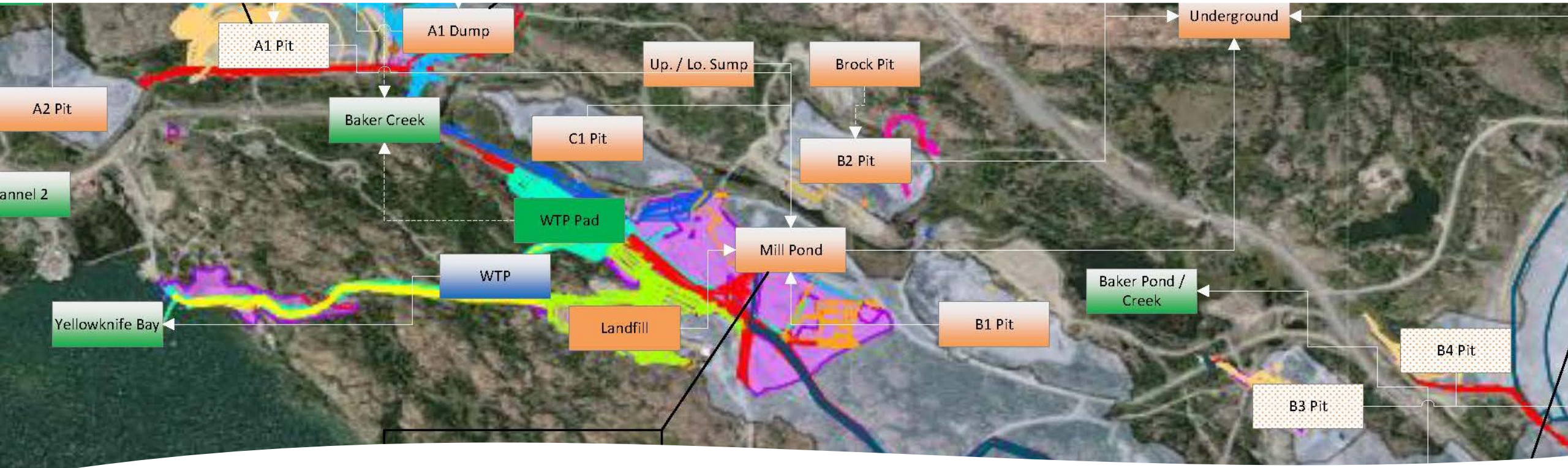
Key Considerations for Bidders

Experience in handling and movement of wet tailings

EARTHWORKS REMEDIATION

Key Considerations for Bidders

Experience in short- and long-term water management

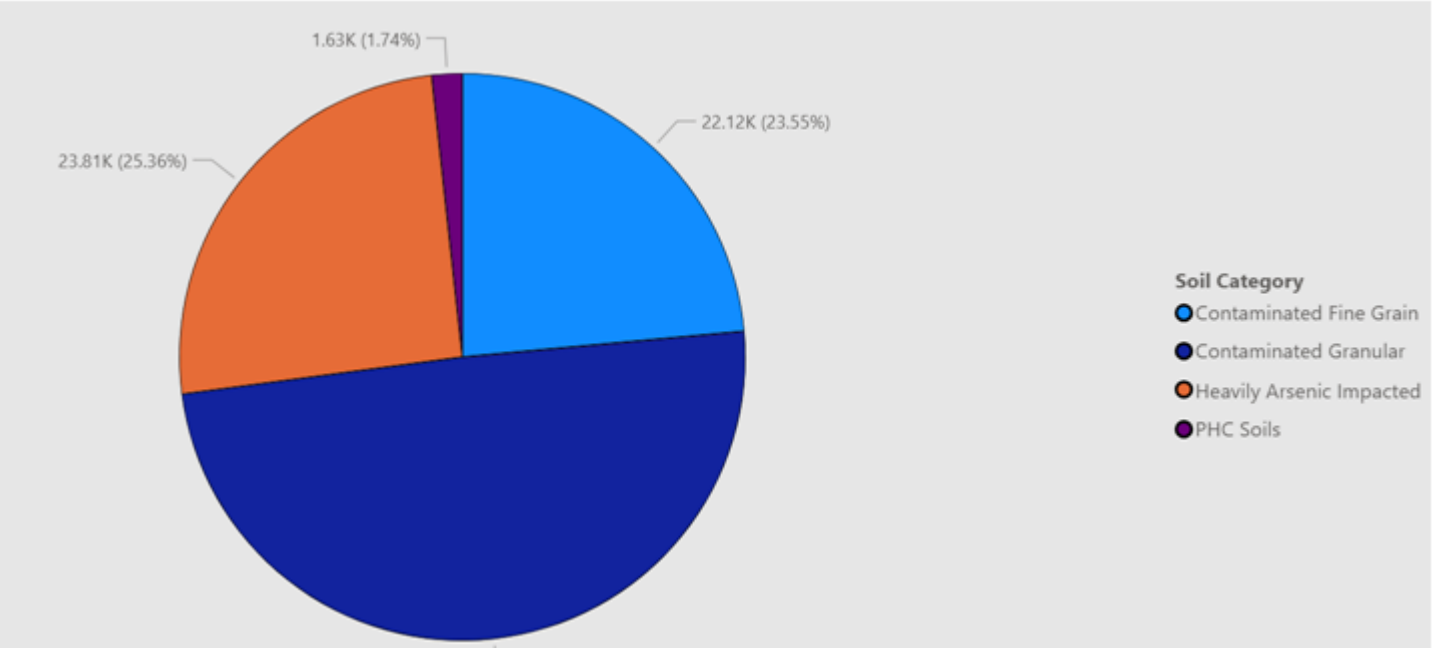


EARTHWORKS REMEDIATION

Key Considerations for Bidders

Experience in short- and long-term environmental control of contaminated soils excavation, TCA and Open pit areas.

1. Detailed daily material manifest and tracking systems will be required for the project, e.g., tracking for each load of contaminated soil (source location, contaminated soil type, disposal



Year	Contaminated Fine Grain	Contaminated Granular	Heavily Arsenic Impacted	PHC Soils	Total
2024	**21,125.00**	**45,755.00**	**23,372.00**	**1,632.00**	**91,884.00**
May	2,735.00	2,572.00		3.00	**5,310.00**
June	6,221.00	9,000.00	10,527.00		**25,748.00**
July	8,984.00	11,390.00	5,614.00	972.00	**26,960.00**
August	2,315.00	8,050.00	2,538.00	657.00	**13,560.00**
September	520.00	9,353.00	4,693.00		**14,566.00**
October	169.00	3,108.00			**3,277.00**
November	181.00	2,282.00			**2,463.00**
2025	**991.00**	**599.00**	**442.00**		**2,032.00**
June	991.00	599.00			**1,590.00**
July			442.00		**442.00**
Total	**22,116.00**	**46,354.00**	**23,814.00**	**1,632.00**	**93,916.00**

EARTHWORKS REMEDIATION

Key Considerations for Bidders

Work constraints:

1. Limited physical workspace at the Giant Mine site will require detailed planning; e.g., limited laydown areas, limited (and regulated) space allowed for stockpiling.
2. Limited construction traffic routes.
    a. One-way road access in parts of site.
    b. One-way bridge traffic across key areas of site.
    c. Restricted highway access.
3. Integration with other CWPs.
    a. Coarse-grain borrow
    b. B1 Pit excavation and backfill
    c. Baker Creek remediation

EARTHWORKS REMEDIATION

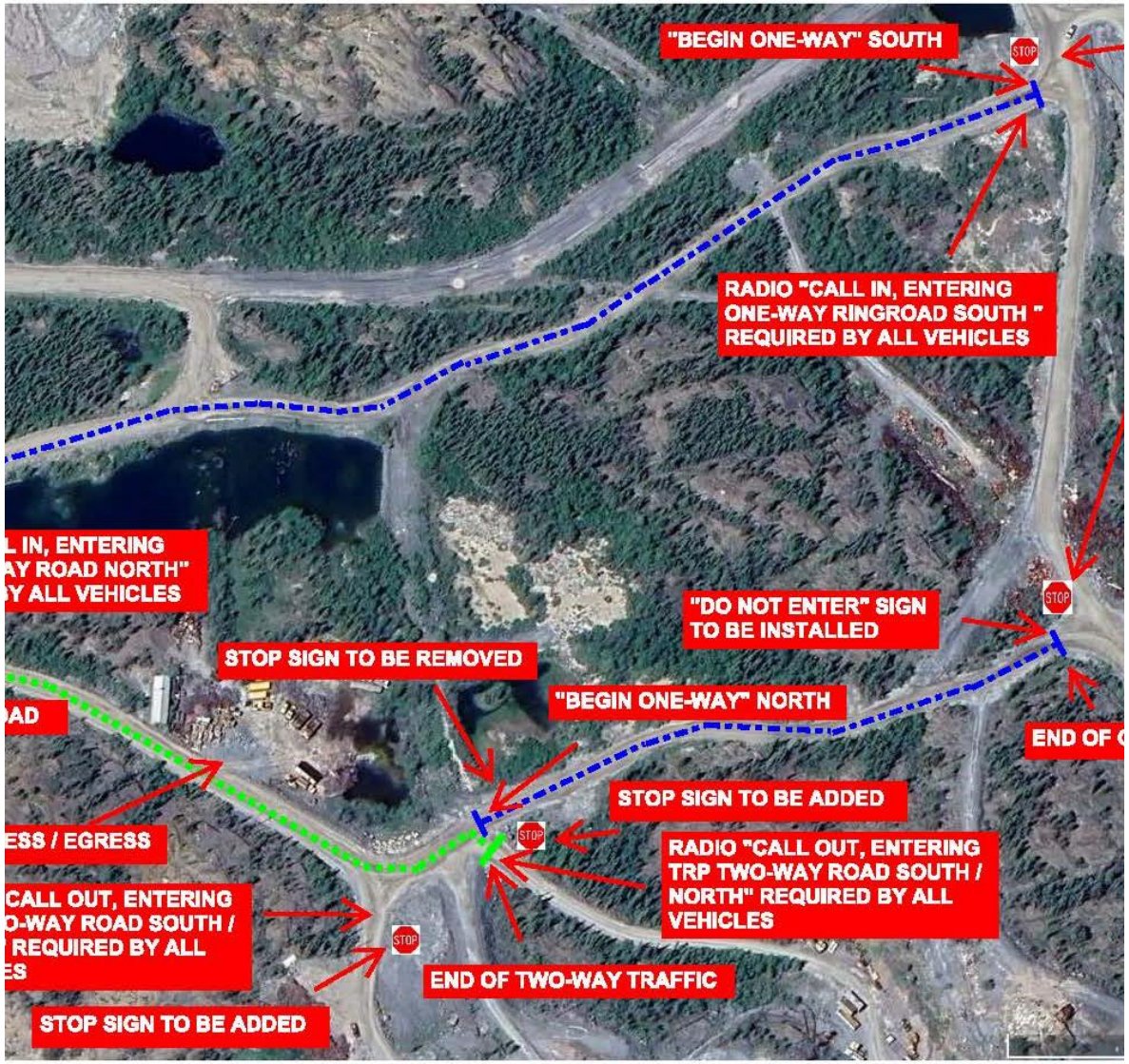
Summary of General Construction Quantities

1. Remediation of more than 1,000,000 m^3 of contaminated soil across 100 ha of the site.
2. Placement of approximately 600,000 m^3 of the contaminated soil from the remediation work into the open pits.
3. Placement of more than 400,000 m^3 of the contaminated soil from the remediation work into the TCA.
4. Blasting of 140,000 m3 of A1 high wall.
5. Excavation and relocation of more than 1,000,000 m^3 of South Pond tailings to Central/North Pond TCA.
6. Backfilling of more than 1,100,000 m^3 of Owner-supplied clean borrow for the open pits.
7. Backfilling of more than 1,200,000 m^3 of Owner-supplied clean borrow for the TCA.
8. Construction of >67 ha of BGM covers over the open pits and TCA.

EARTHWORKS REMEDIATION

Key Considerations for Bidders

Traffic

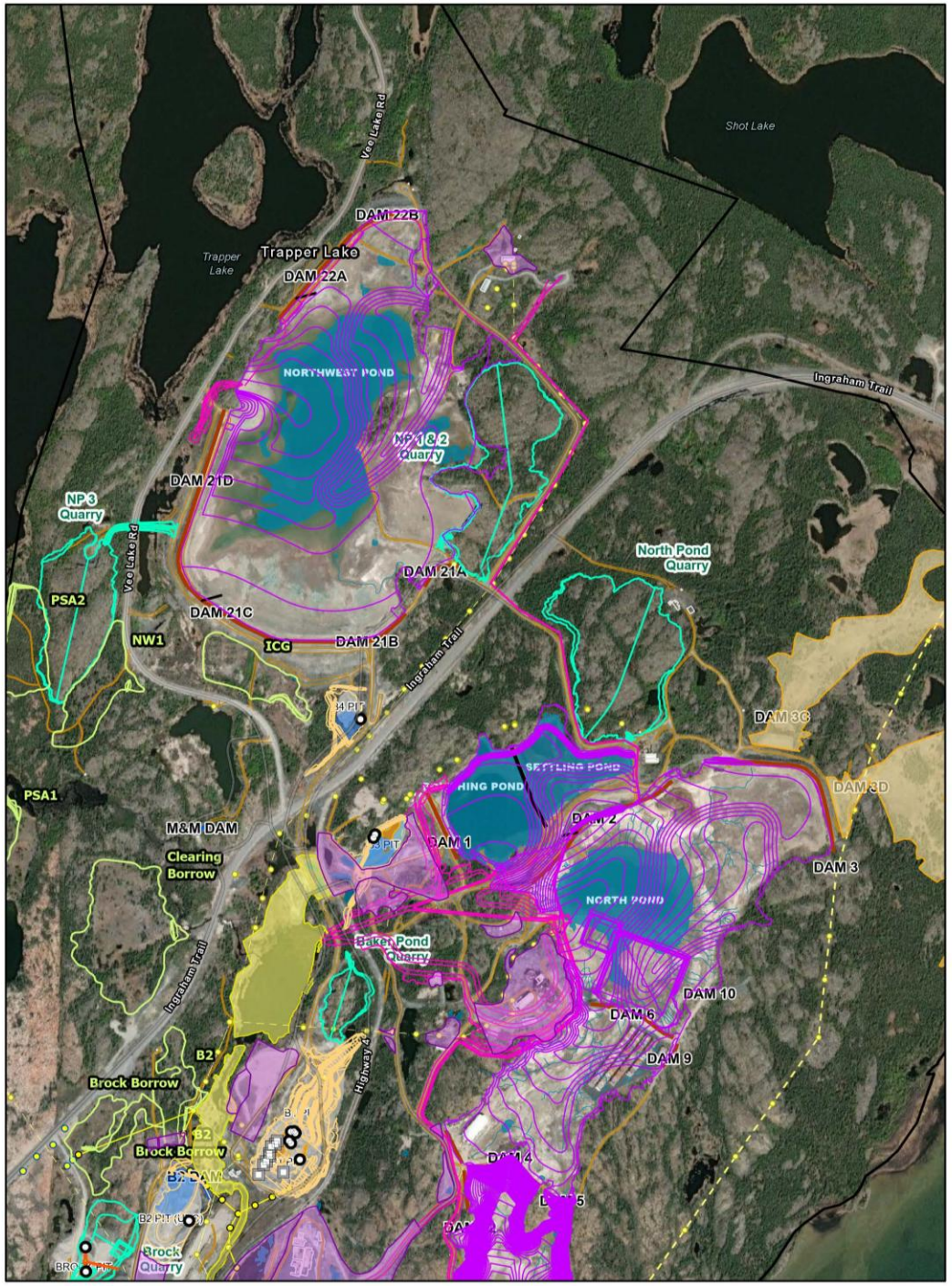


EARTHWORKS REMEDIATION

Key Considerations for Bidders

Integration with other GMRP works

- Baker creek.
- B1 pit backfilling.
- Onsite Borrow.
- Nearshore – Foreshore.
- WTP Operation.
- Bridges.



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EARTHWORKS REMEDIATION

1. This CWP is designated to be a design-bid-build procurement.
2. A prequalification process will precede the tender process.
3. The work is sequenced to follow:

   A) Demolition and debris removal of the buildings and infrastructure in the CIA.

   B) HAC soil removal.

   C) Commissioning of the new Water Treatment Plant.

EARTHWORKS REMEDIATION

	Start	End
Prequalification of bidders	February 2026	June 2026
Request for proposal	July 2026	November 2026
Construction	July 2027	2038

QUESTIONS

PARSONS ENVIRONMENTAL MANAGEMENT AND MONITORING PROGRAM

ENVIRONMENTAL MANAGEMENT

Many components govern environmental management of site activities

1. The Site operates under a Type A Water Licence (WL) and a Type A Land Use Permit (LUP) issued by Mackenzie Valley Land and Water Board (MVLWB).

2. It is a requirement of the WL and LUP that Management and Monitoring Plans (MMPs) are prepared and adhered to.

3. Additional permits, authorizations, and approvals will be required for various remediation activities (e.g., Fisheries and Oceans Canada (DFO), Transport Canada).

4. Environmental compliance and conformance is managed through an Environmental Management System (EMS) conforming to ISO 14001.

5. Environmental Protection Plans (EPP) are required from subcontractors to address all environmental management requirements relating to a work activity.

MANAGEMENT AND MONITORING PLANS (MMP)

The Water Licence and Land Use Permit consist of regulatory requirements (Conditions) that must be adhered to for any project on-Site.

MMPs establish:

- best management practices or expectations to mitigate environmental risks during remediation activities
- regulatory requirements that must be met
- action levels for specific risks (e.g., dust, water quality and quantity)
- reporting, inspection, and monitoring requirements

MMPs exist for dust, waste, water, erosion and sediment, borrow and explosives, wildlife and wildlife habitat.

It is the responsibility of Parsons and its subcontractors to comply with the practices and procedures set out in the WL, LUP, and MMPs.

WATER MANAGEMENT

EROSION AND SEDIMENT CONTROL

WASTE MANAGEMENT

DUST MONITORING

WILDLIFE MONITORING

BORROW AND EXPLOSIVES MANAGEMENT

Examples of Requirements in MMPs:

- Water volumes/usage must be tracked
- Work may not proceed on or near water without approval from Parsons and approved erosion and sediment controls, TSS monitoring or Aquatic Life Management Plans must be in place for duration of work if required
- Every worker has the responsibility to report signs of erosion or sediment control failure
- All wastes recovered or generated must be characterized into waste categories presented in the Waste MMP and volumes must be tracked
- Every Subcontractor is responsible for reporting visible dust, even if it is not in their work area
- It is everyone's obligation to protect wildlife and minimize disturbance to wildlife habitat at the Giant Mine site
- Borrow materials usage, geochemical testing and stockpiles must be tracked and follow Borrow Materials and Explosives MMP

ENVIRONMENTAL PROTECTION PLANS (EPP)

1. The purpose of the EPPs is to identify and develop work procedures and operational controls that will achieve compliance with the MMPs and other regulatory requirements.
2. Subcontractors must understand the parts of the MMPs that apply to their work to develop their EPP.
3. An EPP template is provided by Parsons.
4. Parsons will work with their subcontractors to interpret MMPs and other regulatory requirements required to develop the EPP.

It is the responsibility of Parsons and its subcontractors to commit to and sign off on the EPPs.

QUESTIONS


LUNCH 11:15-1:00

DEMOLITION AND DEBRIS REMOVAL – ALL REMAINING AREAS

Demolition and Debris Removal – All Remaining Areas

CWP High Level Overview

- Abatement and Demolition of all remaining legacy buildings on-site.
- Asbestos abatement will range from low to high-risk abatement.
- Sending all non-hazardous and non-recyclable building materials to the on-site Non-Hazardous Waste Landfill (NHWL), including asbestos containing materials (ACM).
- Diverting recyclable steel from the building materials to off-site recycling or scrapping facilities.
- Buildings include the NW Headframe, Effluent Treatment Plant (ETP), underground support buildings, two warehouses at the NW Pond, and various sheds.

Demolition and Debris Removal – All Remaining Areas

Specific Building Details

- The NW Headframe will require salvaging, in pieces, for the historical purposes.
- The Effluent Treatment Plant (ETP) and all buildings and structures required to support it will need to be left in place until 2028.

Demolition and Debris Removal – All Remaining Areas

Additional Building Photos

Demolition and Debris Removal – All Remaining Areas

Additional Building Photos

DEMO- ALL OTHER AREAS

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for Proposal	October 2026	December 2026
Construction	Spring 2027	Fall 2028

QUESTIONS

MASTER SERVICES AGREEMENT – ENVIRONMENTAL SERVICE

Master Services Agreement – Environmental

This MSA will include, but is not limited to, the following:

- **Aquatic biological field work and support services**
- **Environmental monitoring and sampling**
  - Turbidity monitoring and TSS sampling
  - Soil and water sampling
  - Geochemical sampling
  - Waste sampling
  - Mold testing and sampling
  - Occupational arsenic sampling
- **Bird survey and bird management**
  - Bird survey and recommendations

The subcontractor will provide personnel, materials, and equipment capable of carrying out the necessary work in a safe, timely and cost-effective manner.

Master Services Agreement – Environmental

Aquatic Biological Field Work and Support Services

- Develop an Aquatic Life Management Plan (ALMP)
  - Tailored to the work activity specifications
  - Includes recommendations for mitigation measures and monitoring strategies to protect fish and fish habitat that meet:
    - Giant Mine Remediation Project (GMRP) Management and Monitoring Plans (MMPs)
    - Regulatory requirements (Fisheries Act Authorization, DFO standards and codes of practice)
- Execute the ALMP which may include the following components:
  - Conduct baseline assessments in the water body of interest
  - Deployment of aquatic life management measures (e.g., fish barriers) or manual strategies e.g., electrofishing, fish trapping, fish detector, etc.
  - Conduct the recommended aquatic life monitoring and sampling for the duration of the work activity, e.g., turbidity monitoring and TSS sampling.
  - Apply for License to Fish for Scientific Purposes, prepare related data/reports and maintain the required related communication with the DFO.
  - Complete a report at the end of the work activity.

Master Services Agreement – Environmental

Environmental Monitoring and Sampling

- The Subcontractor will be responsible for field screening with portable instrumentation, taking samples for analysis at a Parsons approved, Canadian Association for Laboratory Certification (CALA) certified geochemical laboratory.
- The Subcontractor will be responsible for all costs associated with collection and analyses of the samples.
- The sampling type, number and locations will be determined by Parsons' Construction Work Package Manager in consultation with Parsons' Environmental Manager and provided to the Subcontractor.
- The Subcontractor will arrange for trained and qualified personnel to travel to the mine site with the required materials and equipment, take the samples, prepare a chain of custody, and arrange for their delivery to the laboratory.
- The results of analysis will be provided to the Parsons' Construction Work Package Manager for distribution.

Master Services Agreement – Environmental

Environmental Monitoring and Sampling

Turbidity Monitoring and TSS Monitoring

The Subcontractor will measure turbidity during water quality monitoring and convert the turbidity values into total suspended solids (TSS) using an empirical equation. The Environmental Manager will provide the TSS-turbidity curve developed for Baker Creek and Yellowknife Bay.

- The Subcontractor must complete testing to determine the background/upstream turbidity and TSS concentrations.
- Complete testing from ALMP designated locations adjacent to or downstream (as applicable) of the Work Area to determine the for turbidity and TSS.
- Compare field turbidity results to the provided TSS-turbidity curve.
  - The TSS-turbidity curve provides a quick reference to identify field results that could trigger action levels requiring mitigation.
- Compare laboratory TSS results to criteria set out in the ALMP and Erosion and Sediment Management and Monitoring Plan (MMP).
- The Subcontractor must immediately notify the Environmental Manager of testing result(s) that trigger any action levels.

Master Services Agreement – Environmental

Environmental Monitoring and Sampling

Waste Classification Sampling and Analysis

- The Subcontractor will be responsible for the following:
  - Sampling of solid or liquid wastes for waste classification and disposal.
    - E.g., surface swab/swipe sampling, paint chip sampling, sampling of debris or building materials for asbestos, or Class II TCLP analysis for BTEX, arsenic and metals.
  - Sample preparation, packaging, and labeling, preparation of a chain of custody, and delivery of samples to a Parsons' approved CALA laboratory or the shipping point.
  - All costs associated with testing and analyses of the samples.
  - Providing the results of testing and analysis to Parsons' Construction Work Package Manager upon receipt.
- The Subcontractor will receive a minimum of 72 hours' notice of any requirement for sampling including the parameters for which the samples are to be tested.

Master Services Agreement – Environmental

Environmental Monitoring and Sampling

Geochemical Sampling

- The Subcontractor will be responsible for the following:
  - Sampling of coarse-grained and fined-grained aggregate materials sourced on or off-site to characterize the geochemical properties of the material.
  - This may include Metals by Acid Digestion followed by Inductively Coupled Plasma (ICP) or Mass Spectrograph (MS) analysis, Potential Acid Generation (PAG), and Shake Flask Analysis.
  - All aspects of sampling and delivery to a Parsons' approved laboratory.
    - Note: This may include confirmation sampling at an off-site borrow source such as a local quarry.
- The Subcontractor will receive a minimum of 72 hours' notice of any requirement for sampling including the parameters for which the samples are to be tested.

Master Services Agreement – Environmental

Bird Survey and Bird Management

Subcontractor is responsible for:

- Completing bird surveys to support construction projects during the nesting season per Parsons' provided workplan
  - Workplan includes:
    - Survey method
    - Field survey schedule
    - Survey Report template
    - Bird Survey Data Sheet
    - Staffing requirements (more details on next slide)
  - The workplan and frequency of bird surveys is consistent with the Wildlife and Wildlife Habitat Management and Monitoring Plan, best management practices and industry-accepted standards.
- Recommending mitigation measures, corrective actions, and assessing risks
- Assisting Parsons in addressing regulatory concerns related to bird management
- Submit a Survey Report within 24 hours of the field survey. The Survey Report consists of the following:
  - Findings of the bird survey
  - Any immediate mitigation measures required
  - Whether the area is cleared for work activities
  - If clearing an area for future activities, include clearance expiration date
  - A Bird Survey Data Sheet describing the signs/observations of bird breeding behaviors, nests, and comments/notes
  - Photo(s) of observed bird activities or cleared areas
- Subcontractor may be responsible for implementing bird deterrents, monitoring effectiveness and maintaining bird deterrent equipment.

Master Services Agreement – Environmental

Staffing Plan

The Subcontractor must provide qualified project personnel, which include, but are not limited to, the following key personnel:

- Project Manager
- Health and Safety Coordinator
- Administration
- CADD/Graphics draftsperson
- Senior Professional (P.Eng/P.Geo)
- Senior Biologist (Aquatic)
- Senior Biologist (Terrestrial/Ornithologist)
- Intermediate Professional/Field Lead
- Technician Level 1
- Technician Level 2

Master Services Agreement – Environmental

Right of First Refusal

There may be multiple MSA holders applicable for the work as several types of rates are asked for. If there are multiple MSA holders, a Right of First Refusal (ROFR) to the MSA holder with the correct technical combination is contacted for a Call Up Agreement first. If there are two or more MSA holders with equal technical abilities for rates given, a ROFR is offered to the lowest overall price combination first. If that MSA holder is not able to perform over the required schedule, the MSA holder with the next best pricing combination will be contacted and so on. Bidders are advised there is no penalty should a ROFR be declined. MSA holders remain on the list for future Call Ups.

Master Standing Agreement –Environmental

	Start	End
Request for Rates	November 2025	December 2025
MSA In place	February 2026	

BAKER CREEK REACHES 4, 5, AND 6

BAKER CREEK REACHES 4, 5, and 6

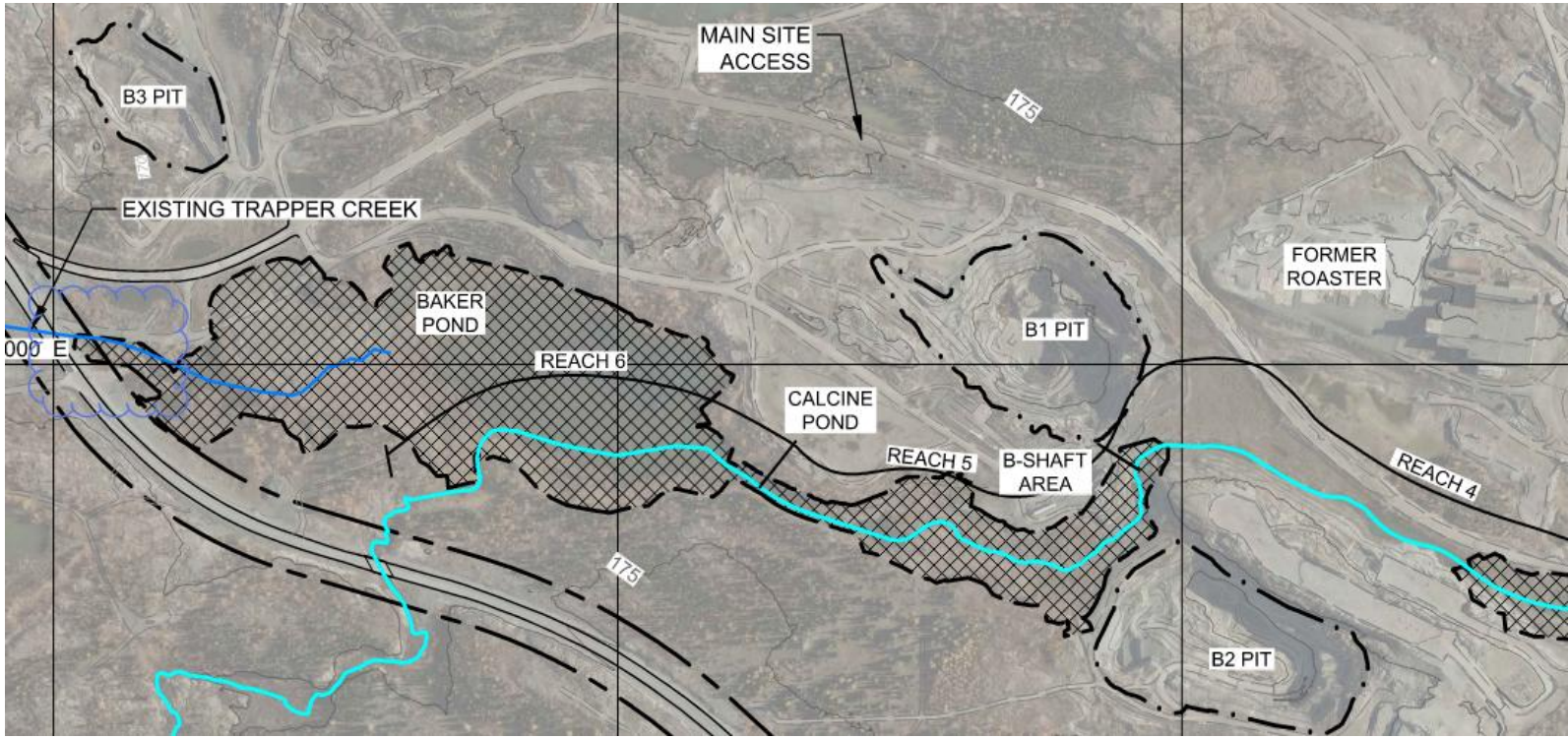
Overview – General Scope

The realignment of existing Baker Creek provides a stable channel and flood plain for the conveyance of Baker Creek flows through the Giant Mine site, with the goals of minimizing flooding and arsenic exposure.

Arsenic impacted sediment will be excavated from the active channel. The channel design will be built back up and designed with channel features such as riffles, pools, and glides.

Fish habitat substrates and cover structures will be constructed and a comprehensive and diverse revegetation program will be completed.

Blasting will be required to complete excavation at certain locations.



BAKER CREEK REACHES 4, 5, and 6

Overview – Work in each Reach

Construction in each Reach will include the following:

- Installation of temporary flood control measures and isolation of work zones to temporarily dewater and divert existing
  - Construction of temporary dykes or berms to contain flows, implementing bypass pumps for diversion
- Installation of appropriate sediment and control measures (e.g., silt fence) to minimize or prevent sediment mobilization
  - Daily monitoring, inspection, and maintenance is required
- Conducting a fish rescue of the isolated area in fish bearing channels
  - Conditions in the Fisheries Act Authorization (FAA) must be adhered to
- Clearing and Grubbing of the construction area
  - Salvage of woody debris for fish habitat cover structures is required

BAKER CREEK REACHES 4, 5, and 6

Overview – Work in each Reach

Construction in each Reach will include the following (continued):

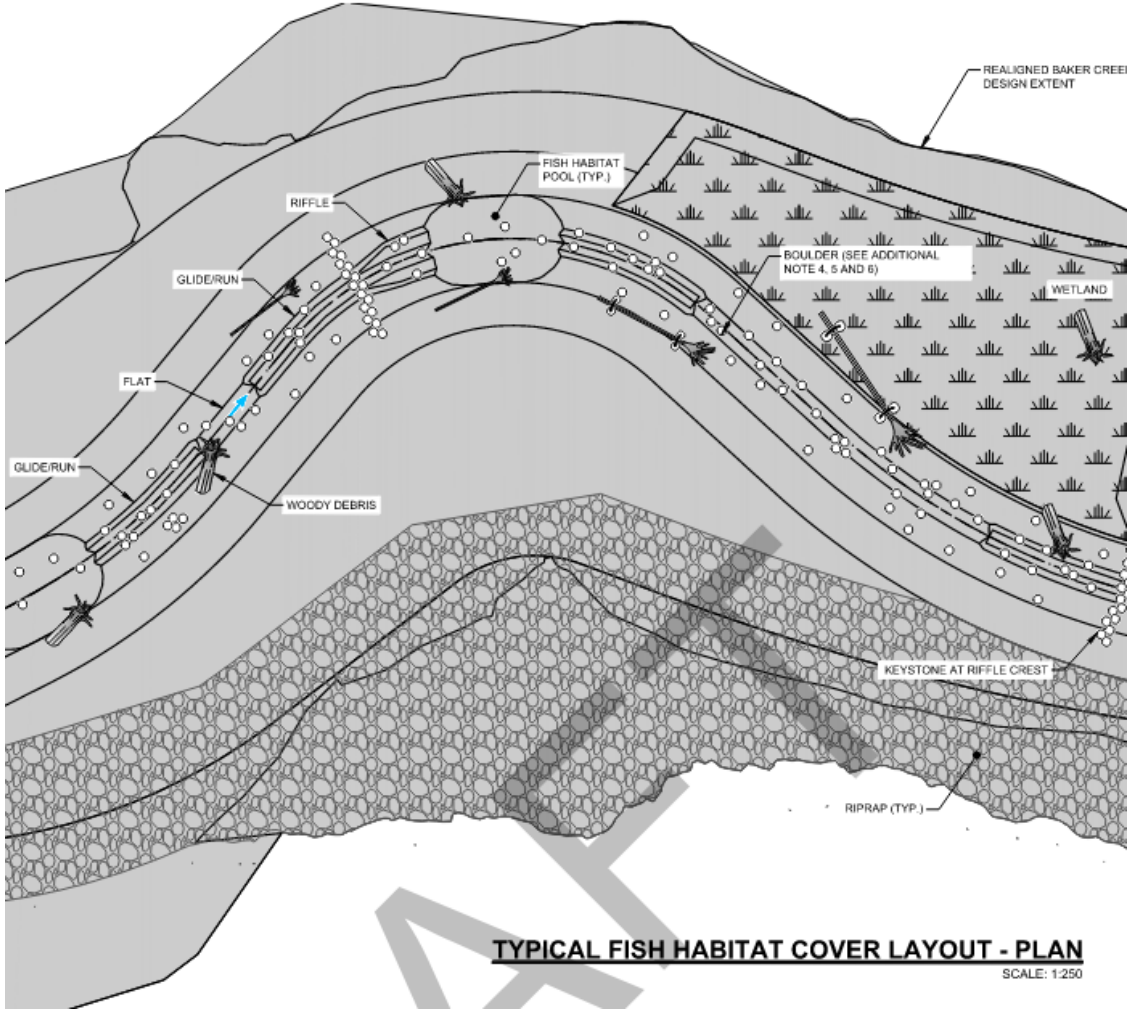
- Excavation of contaminated soils
  - Contaminated soil types include contaminated granular fill, contaminated fine-grained soil, Petroleum Hydrocarbon (PHC) contaminated soil, and contaminated sediment
  - Disposal of contaminated soils after segregation to specific disposal locations on-Site including the NW Pond TCA and North Pond TCA
- Backfilling and grading of excavated areas to backfill design grade
  - Backfill materials will be sourced on-Site at designated Aggregate Processing Facilities (APFs)
- Blasting is required at a few location for excavation to active channel
- Placement of low-permeability layer of material to prevent against the conveyance of Baker Creek water to underground workings through historical boreholes
  - Material to be placed in some specific locations

BAKER CREEK REACHES 4, 5, and 6

Overview – Work in each Reach

Construction in each Reach will include the following (continued):

- Placement of clean fill in the channel corridor bottom followed by recontouring of the floodplain, channel bed and banks
- Placement of fish habitat substrate and cover structures
  - Fish habitat morphology of Glides, Riffles, and Pools, which includes specific placement of boulders and woody debris
- Preparation of site surface for revegetation to take place, placement of topsoil and Biotic Soil Medium
- After construction is completed, removal of isolation measures takes place
  - Washing of Trapper Creek, Baker Creek, and North Pond Spillway channel substrates with clean water from upstream to downstream is required
  - Gradually removing downstream dam first, followed by upstream

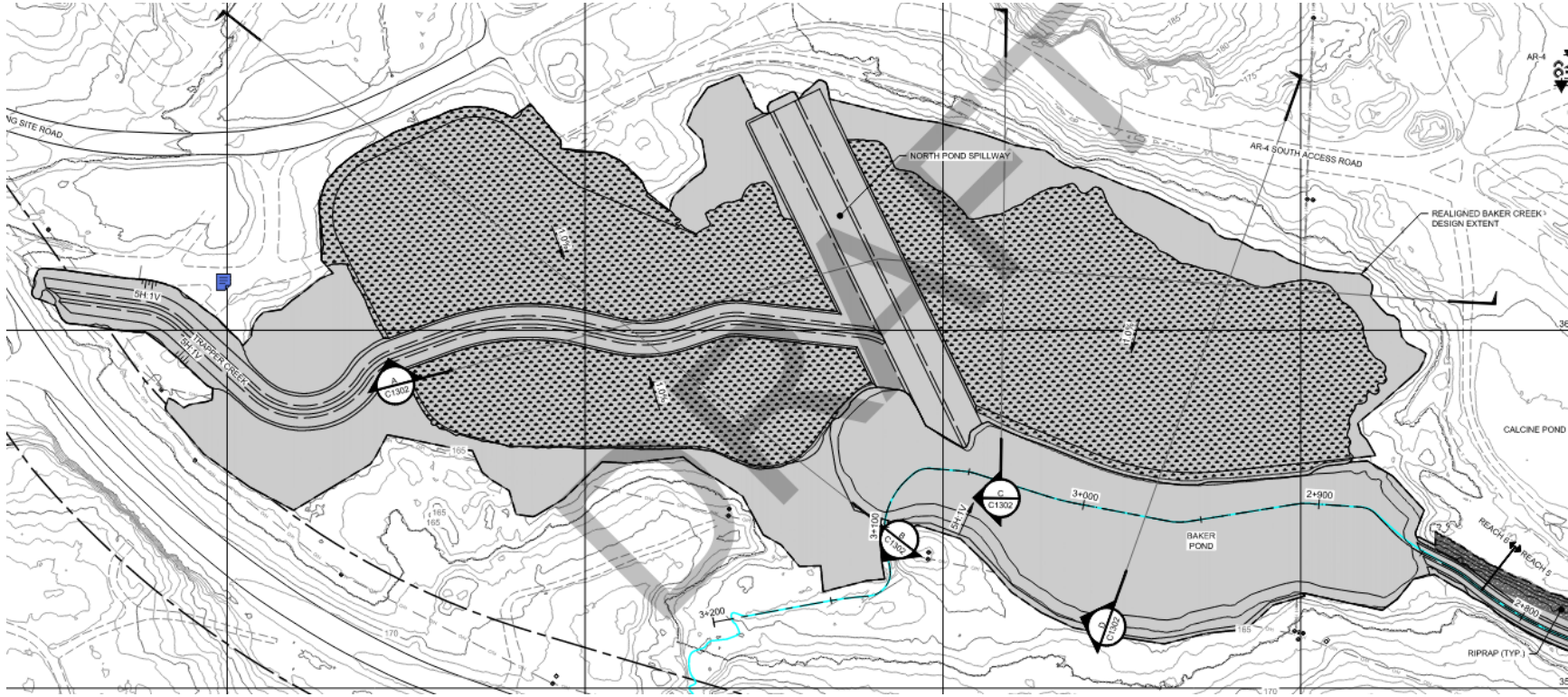


BAKER CREEK REACHES 4, 5, and 6

Overview – Reach 6 Considerations

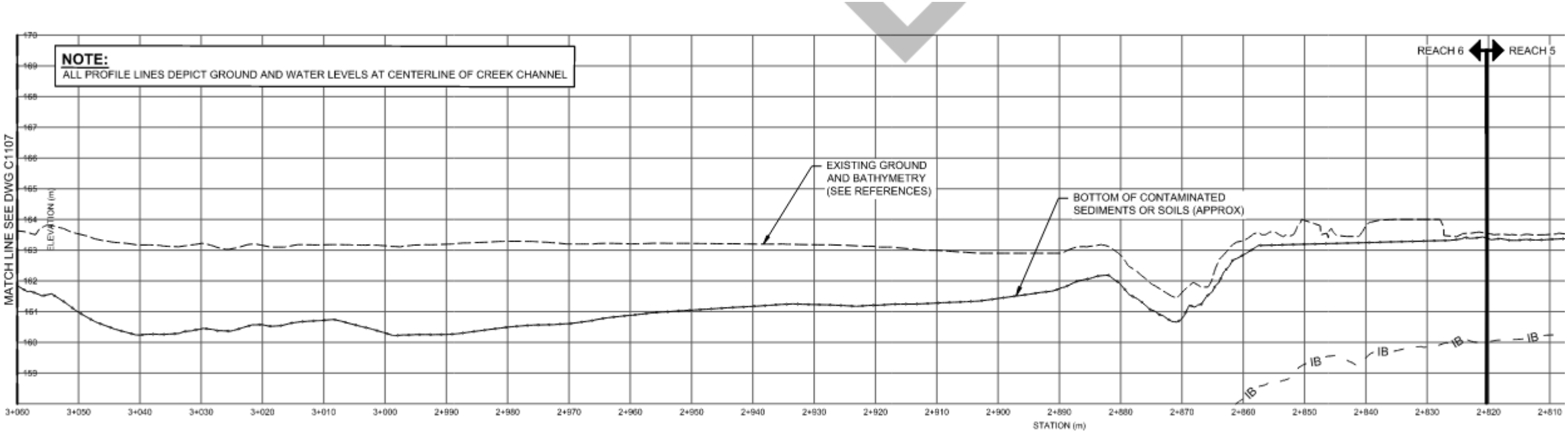
Specific work considerations in Reach 6 includes:

- Remediation of tailings at Jo Jo Lake
- Remediation of tailings and contaminated fine sediments in Baker Pond
- Placement of fill on eastern side of Baker Pond to convert it into a wetland
- Construction of channels to convey runoff from North Pond Spillway and Trapper Creek to Baker Pond – blasting required



BAKER CREEK REACHES 4, 5, and 6

Overview – Reach 6 Considerations



REACH 5 AND 6 - PROFILE

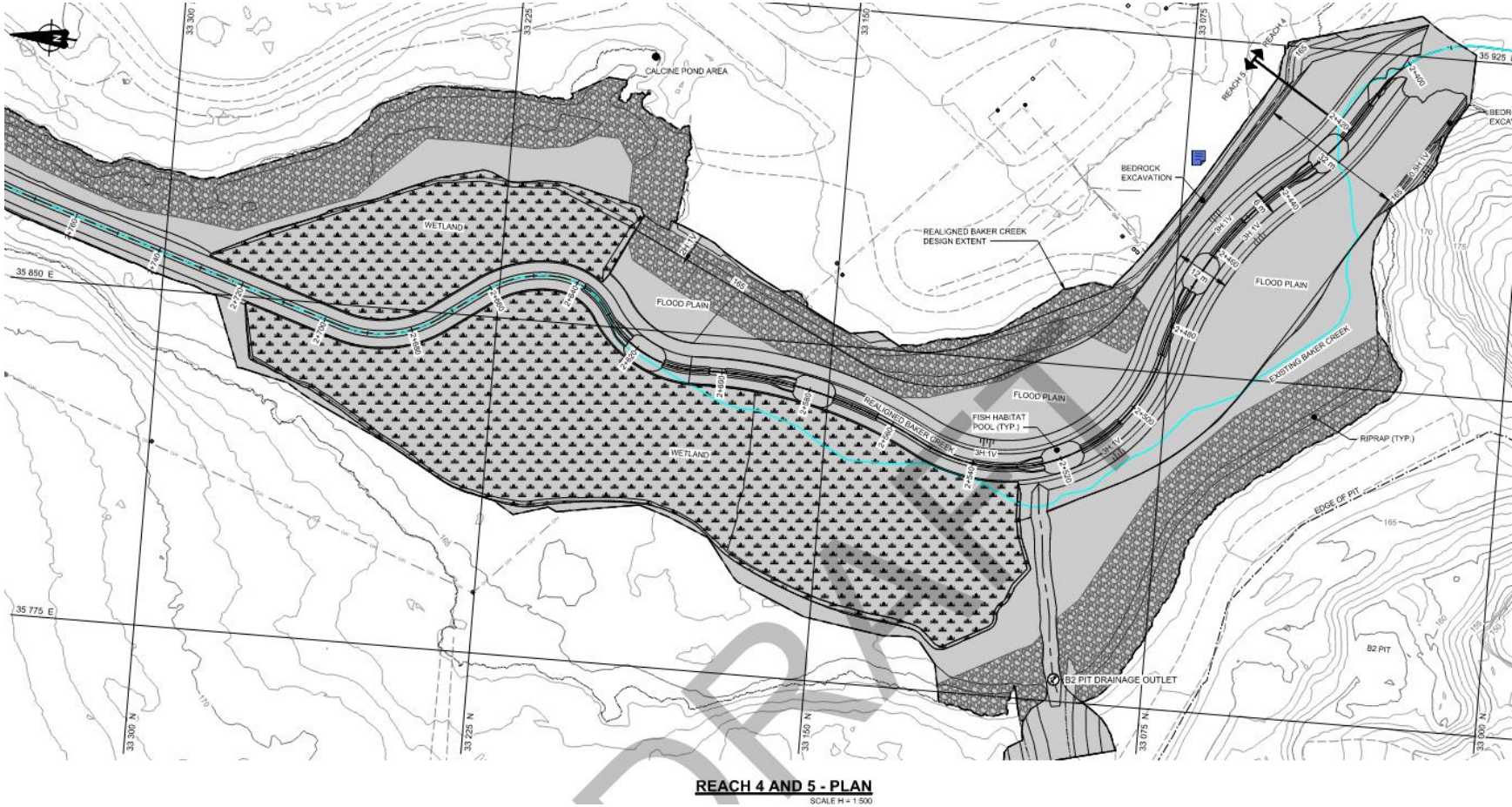
SCALE H = 1:500 V = 1:100

BAKER CREEK REACHES 4, 5, and 6

Overview – Reach 5 Considerations

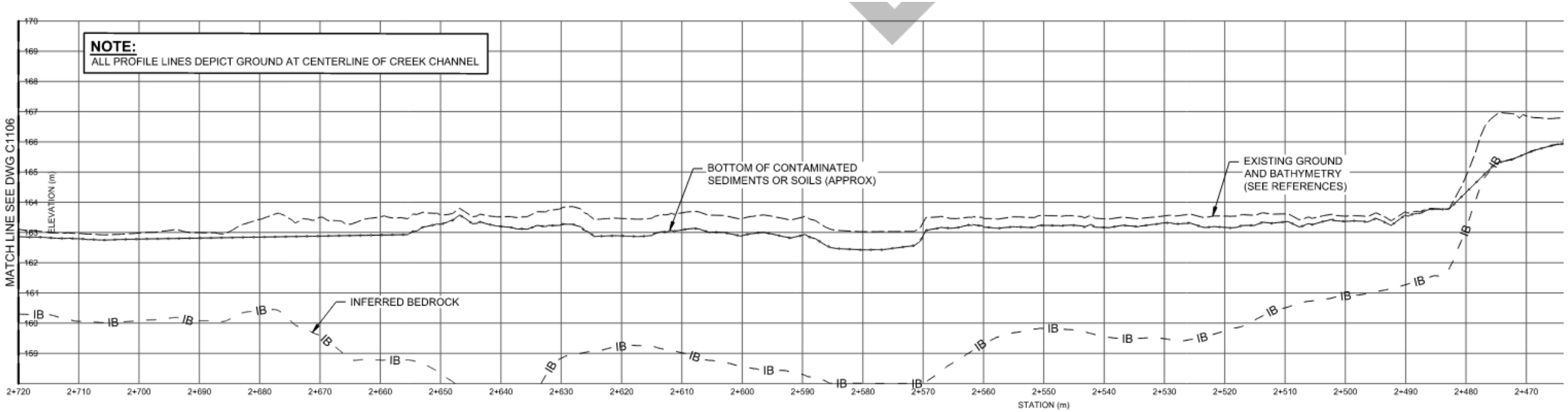
Specific work considerations in Reach 5 includes:

- Construction of new channel including fish habitat features (riffles, pools, glides) – blasting required at B Shaft
- Protect against lateral migration into B2 Pit and Calcine Pond
- Placement of low-permeability layer
- Construction of Vertical Drop type fish barrier structure at B2 Pit drainage outlet



BAKER CREEK REACHES 4, 5, and 6

Overview – Reach 5 Considerations



REACH 4 AND 5 - PROFILE

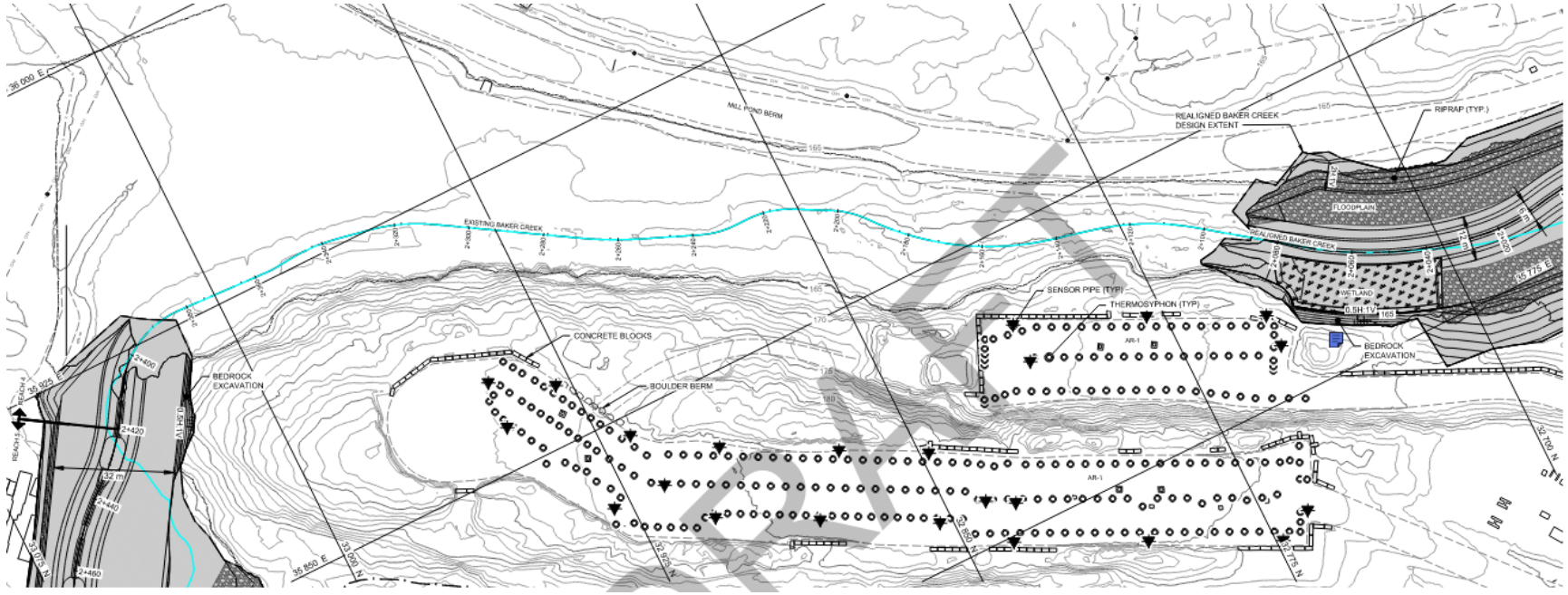
SCALE H = 1:500 V = 1:100

BAKER CREEK REACHES 4, 5, and 6

Overview – Reach 4 Considerations

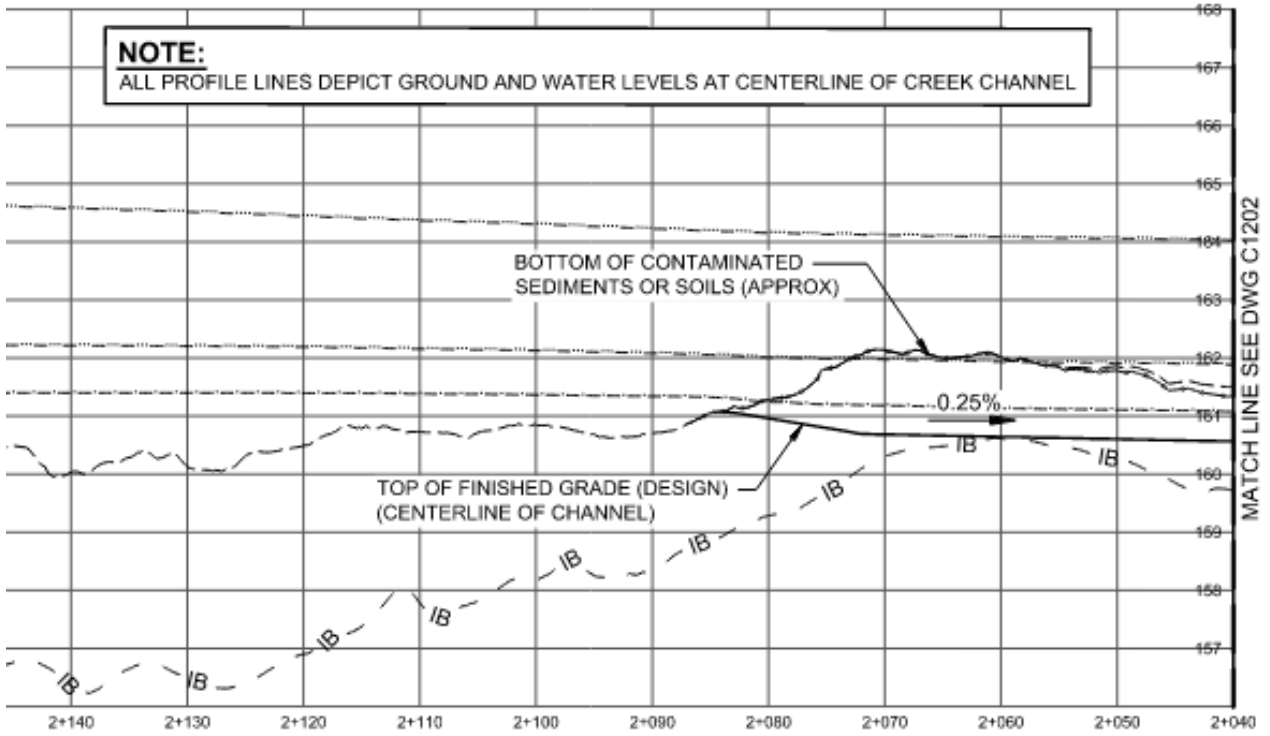
Specific work considerations in Reach 4 includes:

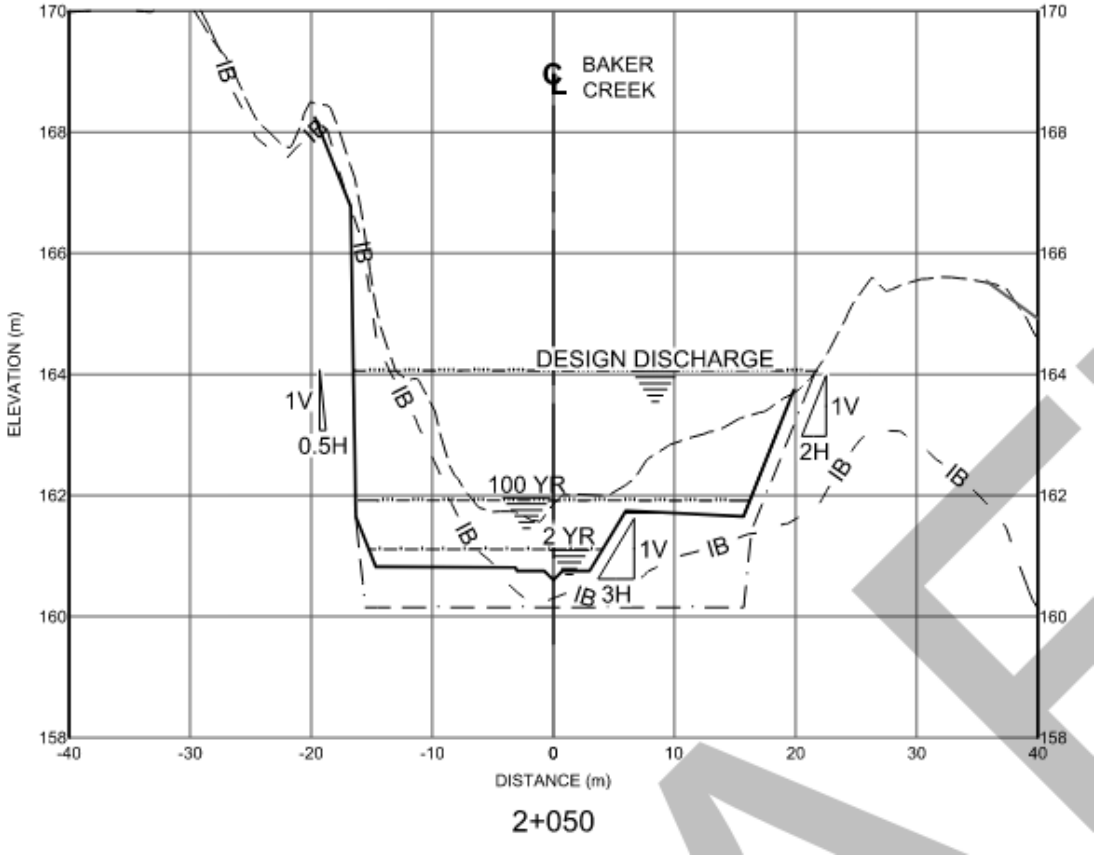
- Alterations to the active channel and floodplain in upper and lower sections of the Reach – Blasting required at AR1
- Placement of low-permeability layer
- Construct wetland fish habitat features
- Construction of Vertical Drop type fish barrier structure at B1 Pit, AR1 and AR2 Freeze Pad Drainage Outlets



BAKER CREEK REACHES 4, 5, and 6

Overview – Reach 4 Considerations





BAKER CREEK REACHES 4, 5, and 6

Revegetation Requirements

Work includes significant revegetation work program. Subcontractor is required to plan, procure, supply, harvest, plant, and maintain all revegetation materials.

- Material harvesting and collection, protection and storage, and sequencing for revegetation in suitable ground conditions must be considered
  - Seed, seedlings, aquatic plugs, trees, shrubs, and ground cover planting has locally collected and harvesting requirements

PLANT SCHEDULE

						REACH 5										
						R5-SHF-01	R5-SHF-02	R5-SHF-03	R5-SHF-04	R5-SHF-05	SHF TOTAL/REACH	R5-ST-01	R5-ST-02	R5-ST-03	R5-ST-04	ST TOTAL/REACH	R5-SMM-01	R5-SMM-02	SMM TOTAL/REACH
					AREA (M2):	151	643	0	0	0	**794**	1611	2315	473	160	**4559**	2146	6201	**8347**
VEGETATION COMMUNITY	SCIENTIFIC NAME	COMMON NAME	TYPE	SPACING	% OF AREA	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)	# OF PLANTS (EA.)
SHRUB HERB FOREST (SHF)	*BETULA PAPYRIFERA*	PAPER BIRCH	SEEDLING	2.0	20%	8	32	0	0	0	**40**								
	PICEA MARIANA	BLACK SPRUCE	SEEDLING	2.0	30%	11	48	0	0	0	**60**								
SHRUB THICKET (ST)	*BETULA GLANDULOSA*	DWARF BIRCH	SEEDLING	1.0	20%							322	463	95	32	**912**			
	SALIX SP.	WILLOW	LIVE STAKE	1.0	60%							967	1389	284	96	**2735**			
SEDGE MEADOW MARSH (SMM)	*N/A*	AQUATIC PLUGS	PLUG	0.2	1%												268	775	**1043**
	SALIX SP.	WILLOW	LIVE STAKE	1.0	5%												107	310	**417**

SEED SCHEDULE

											SHF TOTAL/REACH					ST TOTAL/REACH			SMM TOTAL/REACH
VEGETATION COMMUNITY	SEED MIX NAME	TYPE	SEED RATE (KG/HA)	% OF AREA	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)	QTY. OF SEED (KG)
SHRUB HERB FOREST (SHF)	*ALDER SEED*	SEED	0.1	100%	0.002	0.006	0.00	0.00	0.00	**0.01**								
	UPPER BANK GRASS SEED MIX	SEED	20	100%	0.3	1.3	0.0	0.0	0.0	**1.6**								
SHRUB THICKET (ST)	*ALDER SEED*	SEED	0.1	100%							0.016	0.023	0.005	0.002	**0.046**			
	LOWER BANK GRASS SEED MIX	SEED	10.0	100%							1.61	2.32	0.47	0.16	**4.56**			
SEDGE MEADOW MARSH (SMM)	*LOWER BANK GRASS SEED MIX*	SEED	5.0	100%												1.073	3.101	**4.174**
	SUBMERGENT VEGETATION SEED MIX	SEED	3.0	100%												0.64	1.86	**2.50**

BAKER CREEK REACHES 4, 5, and 6

Regulatory Requirements

The Fisheries Authorization Act (FAA) must be adhered to. Notable considerations/requirements include:

- In-water work must be avoided during the restricted activity timing window from April 1 to July 15 (FAA 2.1.1); in-water work must be completed between July 16 to March 31
- Downstream water depth and flow shall be maintained during in-water construction in Baker Creek and Trapper Creek (FAA 2.1.4)
- A qualified professional will complete fish rescue (or “fish salvage”) to relocate fish from isolated areas prior to dewatering or construction. Obtain necessary licenses and approvals to complete the fish rescue (FAA 2.1.6)
- Blasting pressure restrictions, where explosives shall not be detonated in or near fish habitat where water pressure change is greater than 50 kPa, or peak particle velocity is greater than 13 mm/s in spawning bed during the restricted window (FAA 2.1.7)
- Subcontractor is to obtain the License to Fish for Scientific Purposes (LFSP) permit application, for completing fish harvesting work.

BAKER CREEK REACHES 4, 5, and 6

Work Periods

There will be two distinct Work Periods captured over the contract. The goal being to ensure effective and efficient execution of project progressive invoicing.

1. Construction Work Period
   - From contract award to completion of construction activities required to complete the Work and completing closeout submittals required.
   - Balance of Project Costs 1 (BOPC-1) captured this work period in the Basis of Payment (BOP).
2. Revegetation Maintenance Work Period
   - From construction Work completion and when activities for revegetation maintenance work begins. Ends when maintenance term is complete.
   - BOPC-2 captures this work period in the BOP.

BAKER CREEK REACHES 4, 5, and 6

Construction Considerations

Construction Schedule is currently planned for 2027 to 2031. Subcontractor should be aware that there many Construction Work Packages (CWPs) happening on-Site during this time that could impact logistics and execution.

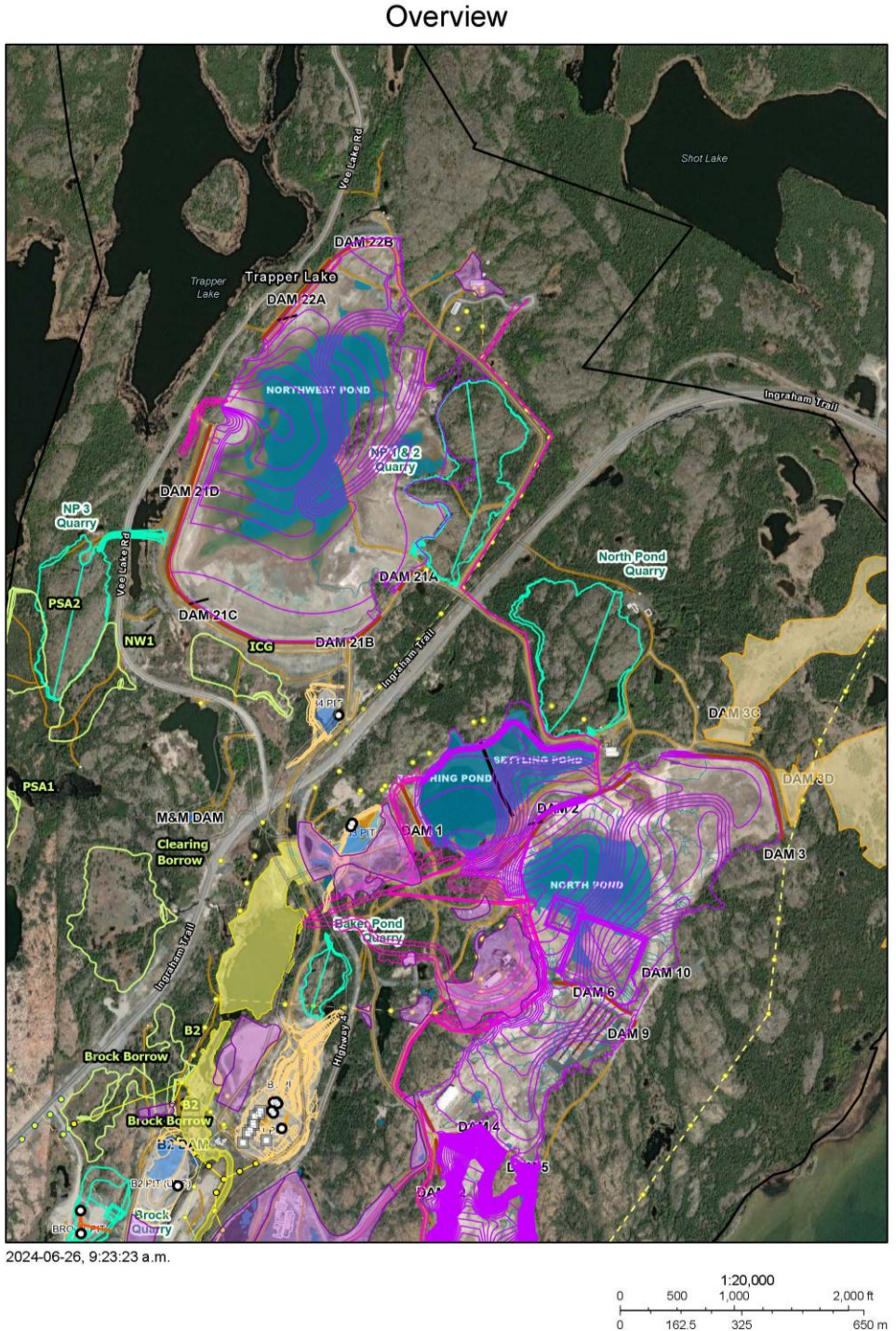
- B1 Pit Excavation and Backfilling (2027 to 2030)
  - Closure of the B1 Pit (directly beside Baker Creek Work Area)
  - Construction of permanent roadways
- On-Site Aggregate Production and Management (2026 to 2036)
  - Development of coarse-grained quarries by removing overburden, blasting of bedrock, and preparation of aggregate processing facilities, stockpiling, managed, and loaded for others
- Earthworks Remediation (2027 to 2035)
  - Closure of the four open pits: A1 Pit, A2 Pit, B2 Pit, and B3 Pit
  - Rehabilitation of TCAs and contaminated soil areas across site
- Nearshore-Foreshore Remediation (2029 to 2033)
  - Rehabilitation along the shoreline at Yellowknife Bay
  - In-water work to remove debris, dredge material, and place cover

BAKER CREEK REACHES 4, 5, and 6

Construction Considerations

CWPs that support Baker Creek Work includes:

- NW Pond TCA Rehabilitation and B4 Pit
  - Contaminated material disposal location; Will be directly where tc unload material and NW Pond TCA Sub will condition and place
- On-Site Aggregate Production and Management
  - Borrow materials for project use; Subcontractor to go and pickup material, Borrow Sub will load onto Subcontractor equipment
  - Materials include: 300 mm, 200 mm, 80 mm, 25 mm (all mm minus), Class 1M and 2 riprap
- Earthworks Remediation Project (ERP)
  - Calcine Pond material and highly contaminated material is to be disposed at the BGM lined cell in the North Pond TCA
  - Subcontractor to transport material to North Pond TCA and ERP Sub to direct offloading and place material in lined cell
  - Blasting material is to be transported to B3 Pit
- Fine-grained clay material for Low-Permeability Liner placement will be sourced on-Site



BAKER CREEK REACHES 4, 5, and 6

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for proposal	October 2026	November 2026
Construction	Spring 2027	July 2031

QUESTIONS

BREAK

NORTHWEST POND TAILINGS CONTAINMENT AREA AND B4 PIT

NW Pond TCA and B4 Pit
Remediation and closure activities

The NW Pond TCA and B4 Pit project encompasses three distinct scopes of work:

- Remediation of contaminated soils within the work package footprint.
- Backfilling and closure of the B4 Pit.
- Receiving, placement of contaminated soils, and closure of the TCA.

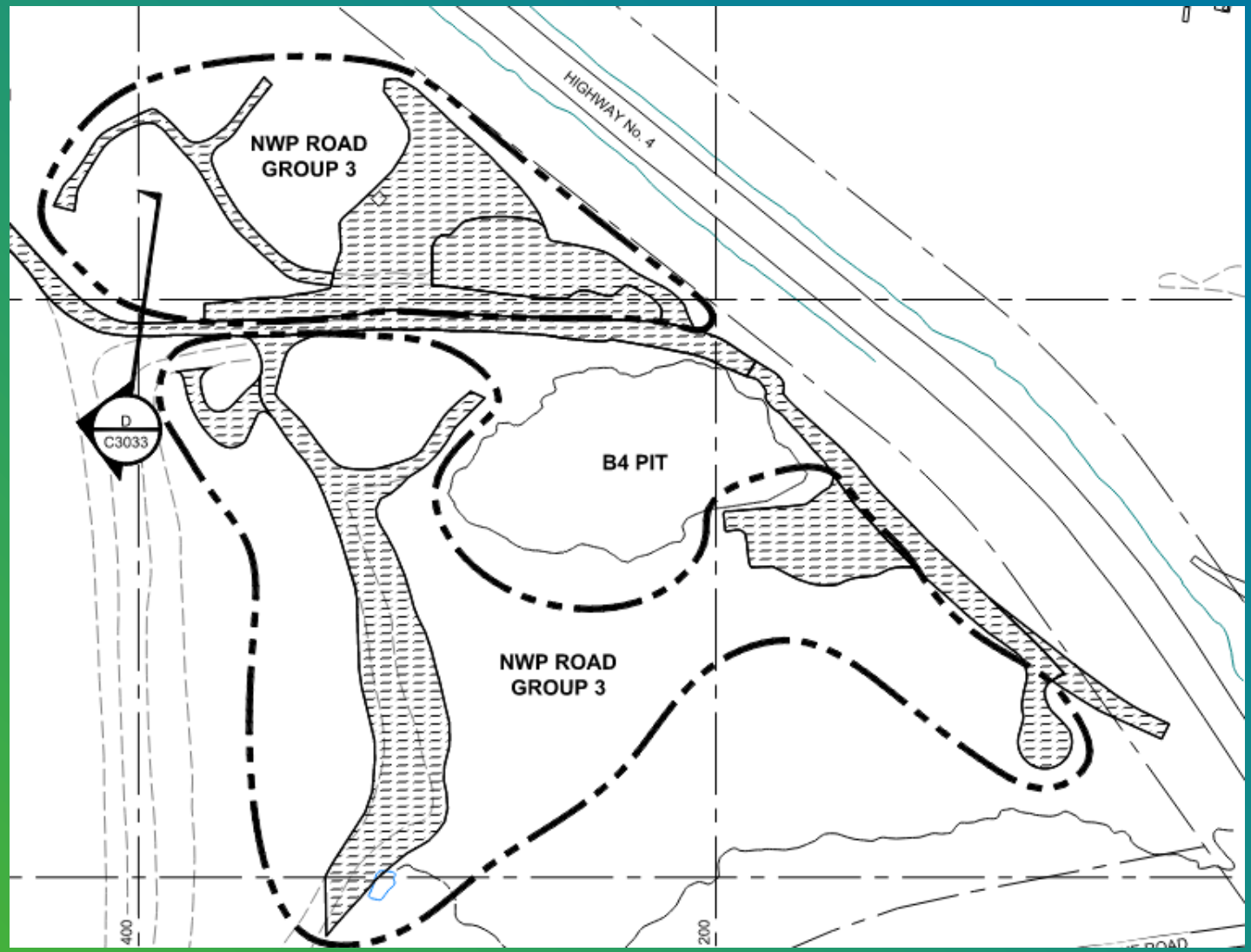
NW Pond TCA and B4 Pit
Remediation and closure activities

Backfill and Closure of B4 Pit

- Pit Access – highwall and pit bottom safety mitigation: rock scaling, rock bolting, ground support, and rockfall fence installation.
- Construction of pit access ramp (no blasting expected).
- Pit Drainage – Drill drainage bore hole to mine drift.
- Closure of B4 Portal - locate, clean, and backfill opening to surface with CL 200 gravel
- Backfill Pit – pit to be filled with free draining class 500 rock fill
- Construct temporary containment dyke
- Construct diversion channel
- Construct drainage outlet
- Install BGM liner – (.5m CL 200 gravel fill, .3m CL 25 gravel fill, BGM Liner, .3 CL 25 gravel fill, .7 cl 300 rockfill) – BGM Liner dimensions (5.6m x 55m 6.4kg/sq.m 1,971 kg/roll)
- Construct B4 Pit Highwall Buttress

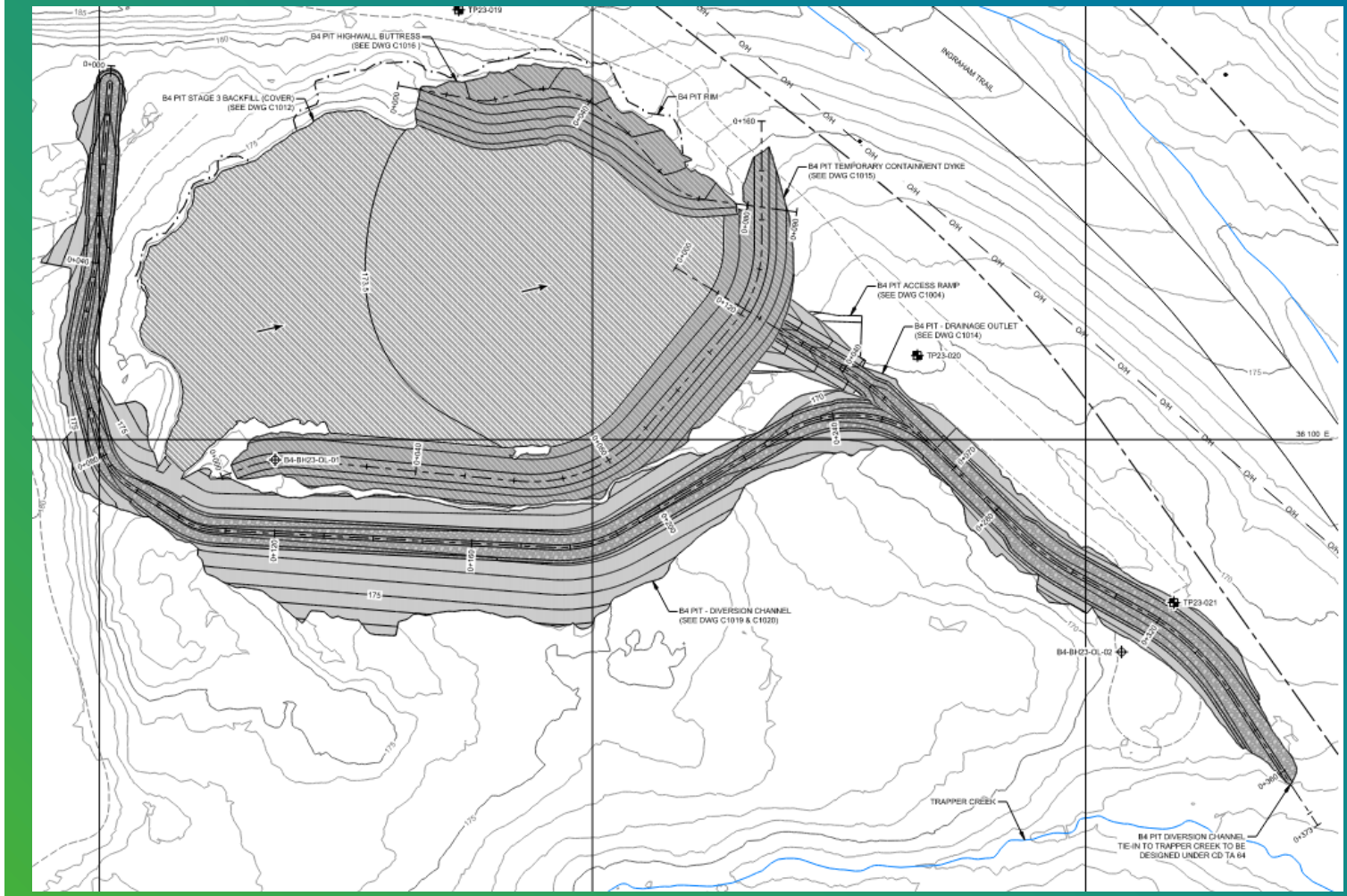
ROAD NETWORK DETAILED EXCAVATION PLAN B4 PIT AREA

DRAINAGE FLOWS WILL BE REDIRECTED TO EXISTING CONTAMINATED SOILS AREAS



B4 PIT DIVERSION CHANNEL DRAINAGE OUTLET, TEMP CONTAINMENT DYKE AND HIGH BUTRESS WALL

OUTLET DISCHARGES INTO TRAPPER CREEK



NW Pond TCA and B4 Pit
Remediation and closure activities

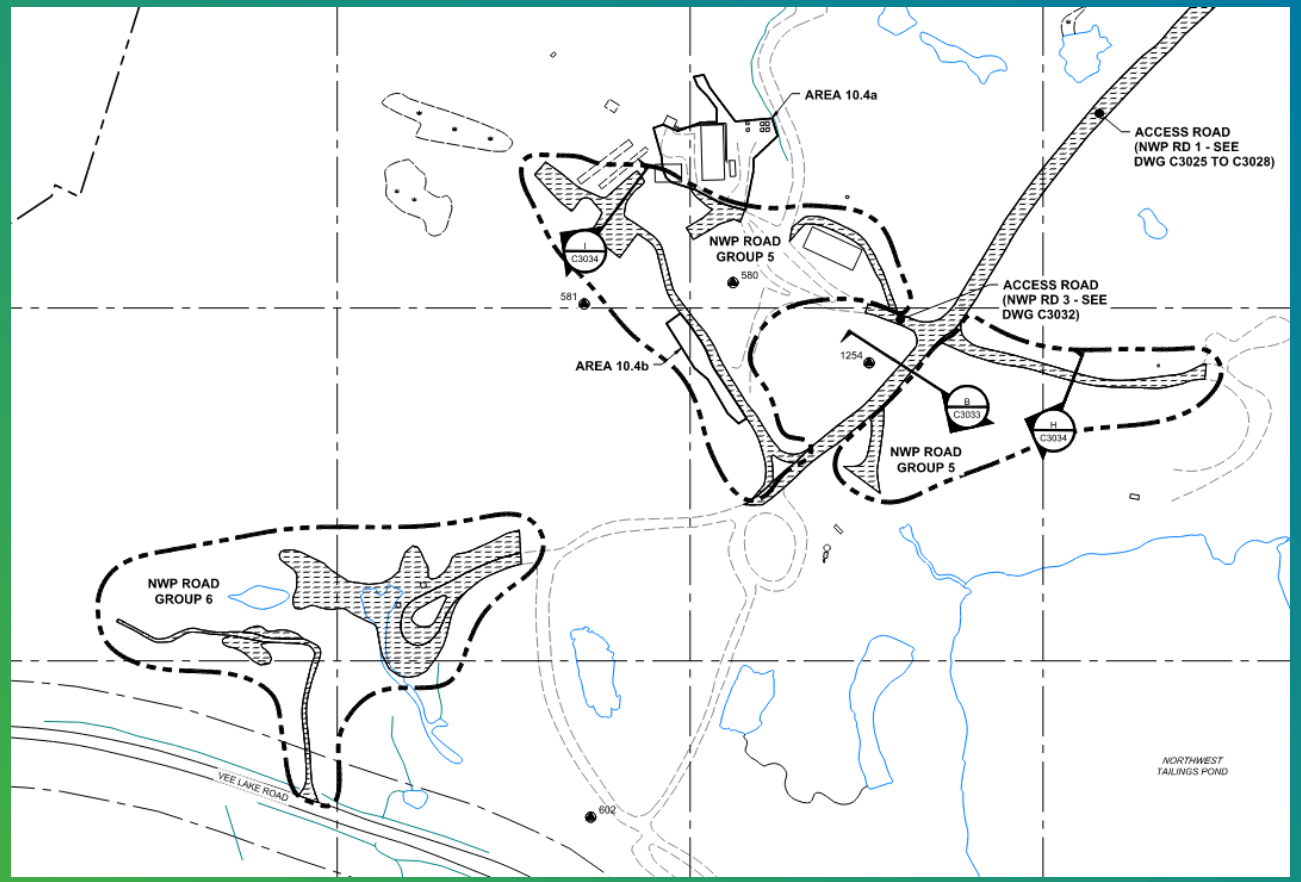
The remediation of contaminated soils is to be conducted at the North West Wells (Area 10), as well as along the TCA access roads and local service roads, which have been categorized into road groups 1 through 10. Remediation of the roads includes the restoration to grade of the excavated areas with aggregates from NW Pit 1&2.

Remediation Highlights

- Excavation and disposal of contaminated granular fill roads Group 1 – adjacent to Trapper Creek Wetlands
- Excavation and disposal of contaminated granular fill roads Group 2 – adjacent to Unnamed Wetlands
- Excavation and disposal of contaminated granular fill roads Group 3 – adjacent to Trapper Creek
- Excavation and disposal of contaminated granular fill roads Groups 7, 8, 9 – adjacent to un-named Wetlands
- Excavation and disposal of contaminated granular fill roads Groups 4,5,6 and Area 10 – coordinate with the Coarse Grained Borrow schedule

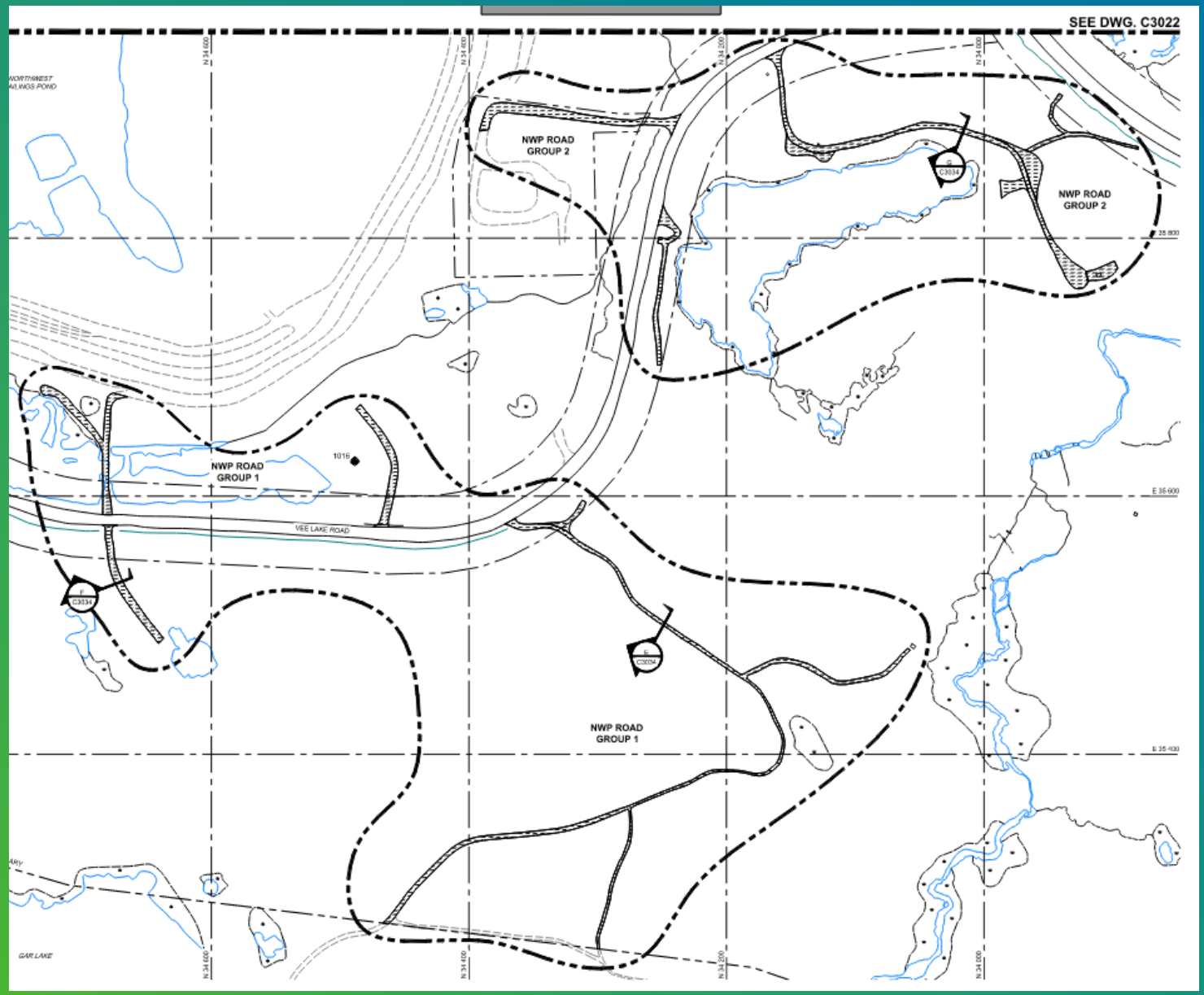
ROAD NETWORK DETAILED EXCAVATION

GROUP 4,5,6 AND ROADS



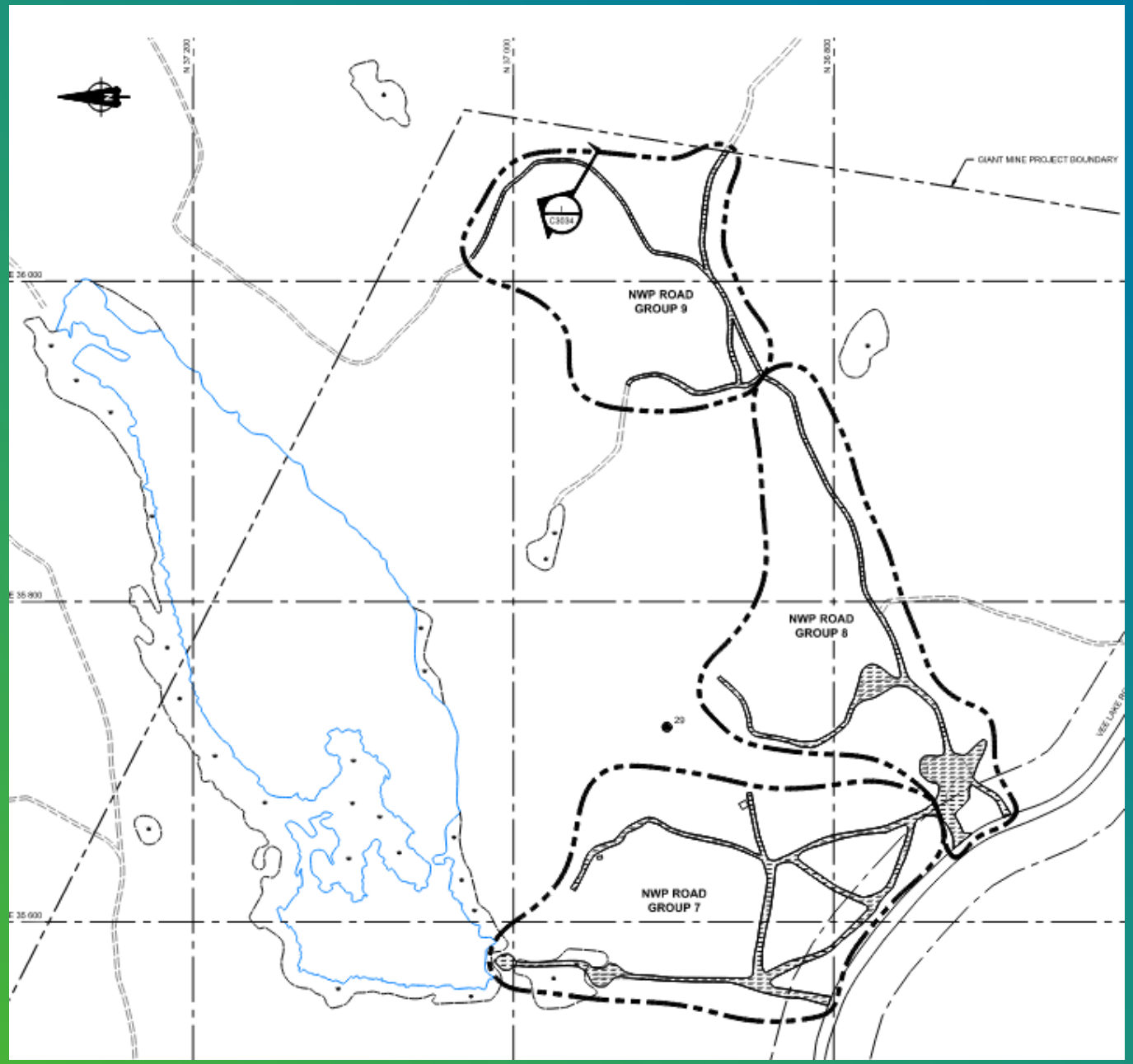
ROAD NETWORK DETAILED EXCAVATION

GROUP 1, 2



ROAD NETWORK DETAILED EXCAVATION

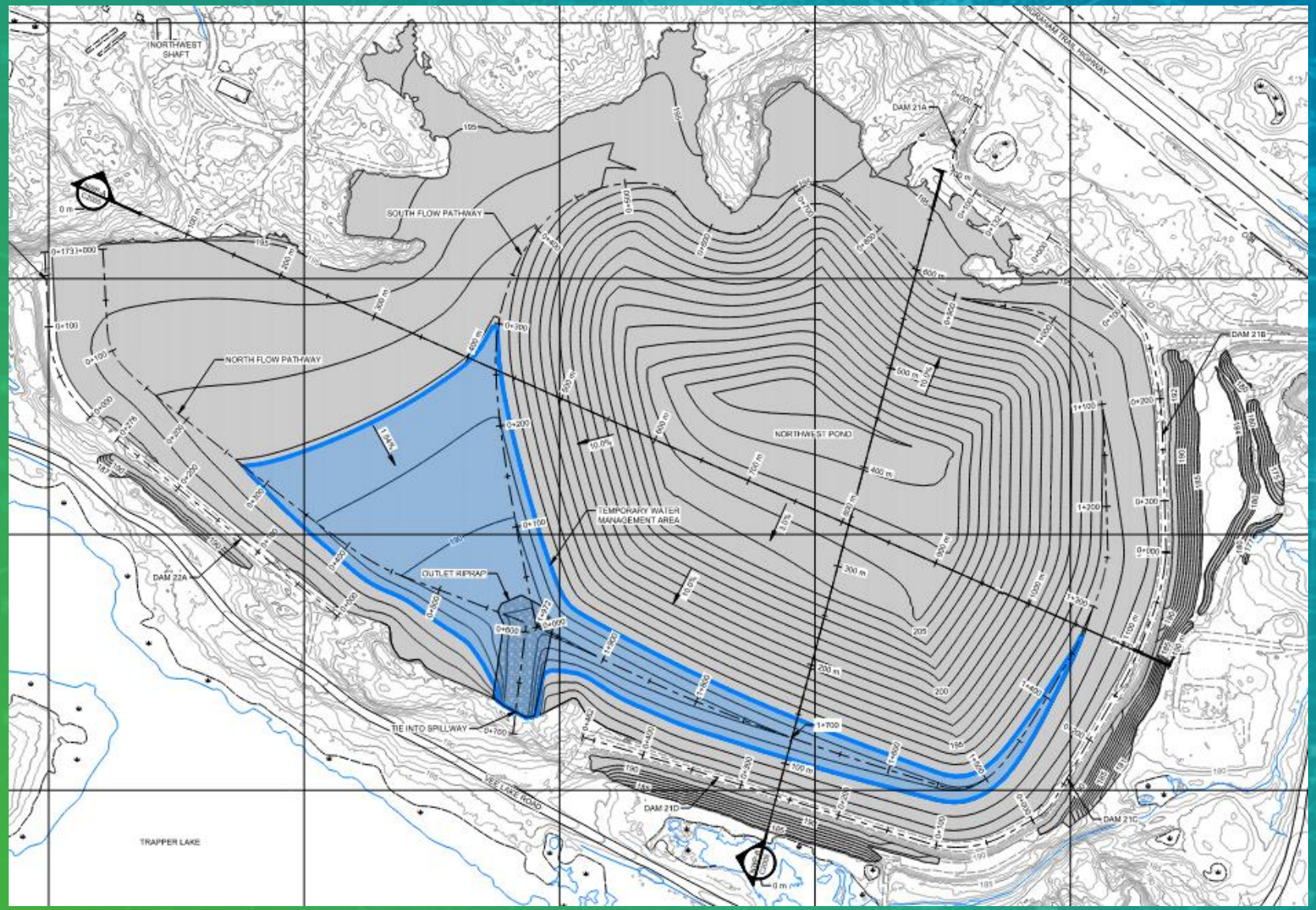
GROUP 7,8,9



NW Pond TCA and B4 Pit
Remediation and closure activities

NWP Tailings Containment Area, Dam Stabilization, and Force main

- Decant of NW Pond, and disposal of subsurface water. Contaminated water from TCA to be decanted off to the ETP for treatment. Continuous pond and subsurface dewatering of meltwater and groundwater to mine pool via NW wells.
- Clearing and grubbing to earthworks battery limits
- Contaminated soils originate from: the NWP Pond battery limits, Baker Creek, Baker Pond, Noth Shore/ Foreshore dredging. Possibility that many of the truckloads will be highway tractor import on local roads. Access to TCA to be at buttress point or engineered dam crossing.
- 45,000 to 75,000 truckloads of contaminated soils to be imported to the TCA
- Imported soils to be conditioned and compacted.
- Rehabilitation of perimeter dams 21B, 21C, 21D, 22A
- 521,000 sq.m BGM liner with .7m of CL 300 rockfill cover material (364,000 cu.m)


NORTHWEST SHAFT
SOUTH FLOW PATHWAY
NORTH FLOW PATHWAY
DAM 21A
DAM 21B
NORTHWEST POND
TEMPORARY WATER MANAGEMENT AREA
OUTLET RIPRAP
DAM 22A
TIE INTO SPILLWAY
DAM 21D
DAM 21C
TRAPPER LAKE

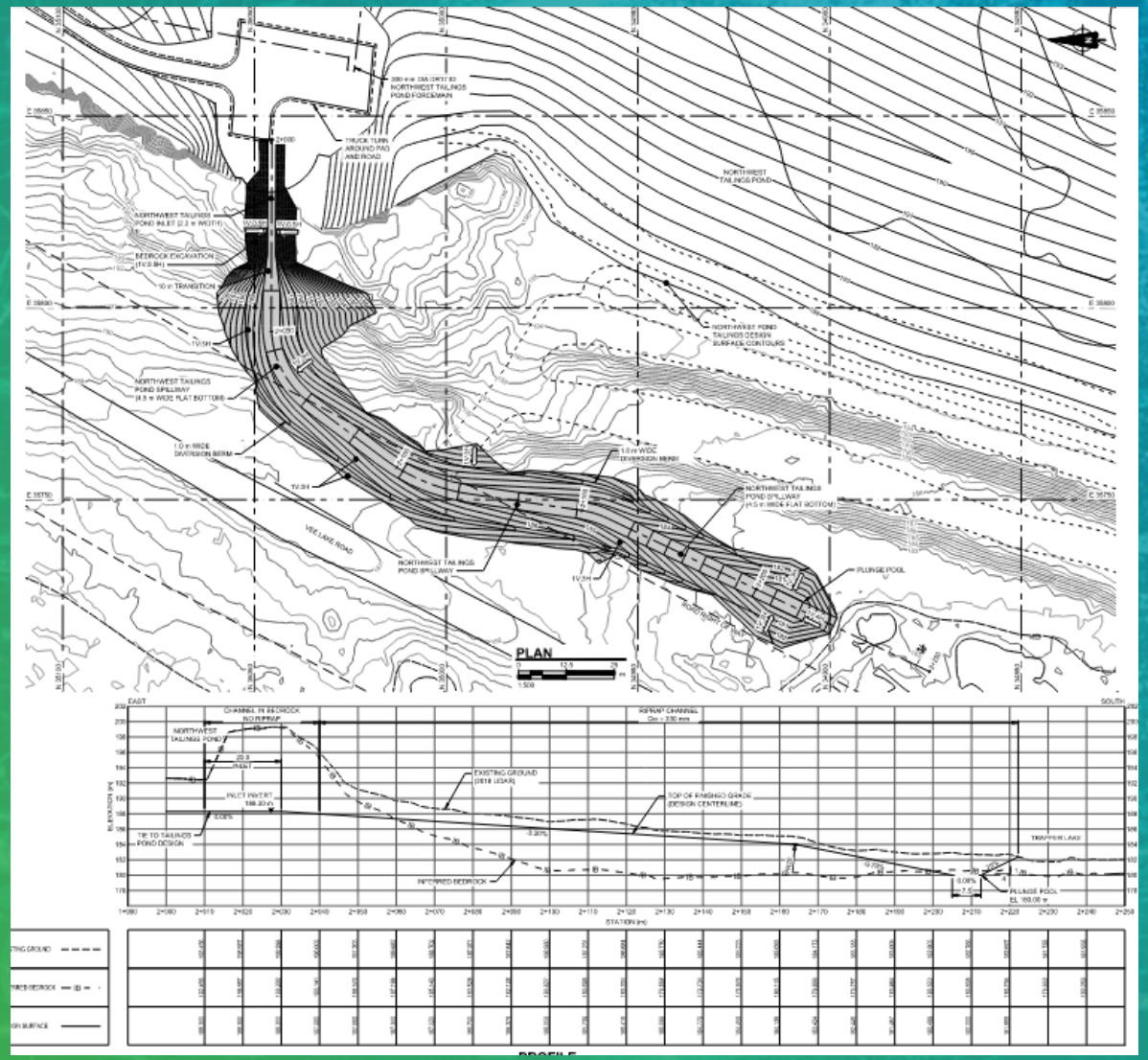
NW Pond TCA and B4 Pit
Remediation and closure activities

NWP Spillway Highlights

- Blasting of Spillway Inlet including blast monitoring and all environmental restrictions
- Cut and fill to grade of spillway channel
- Spillway armor, excavation of plunge pool and tie into Trapper Creek
- Containment and management of contact water

NWP Tailings Drilling, Electrical, Instrumentation & Mechanical

- Diesel Pump, HDPE force main, heat wrap
- Borehole Drilling and Instrumentation
- Shape Accel Array
- Vibrating Wire Piezometer


PLAN
NORTHWEST TAILINGS POND SPILLWAY
PLUNGE POOL
NORTHWEST TAILINGS POND
EXISTING GROUND
INFERRED BEDROCK
PROFILE

NORTHWEST POND TAILING CONTAINMENT AREA

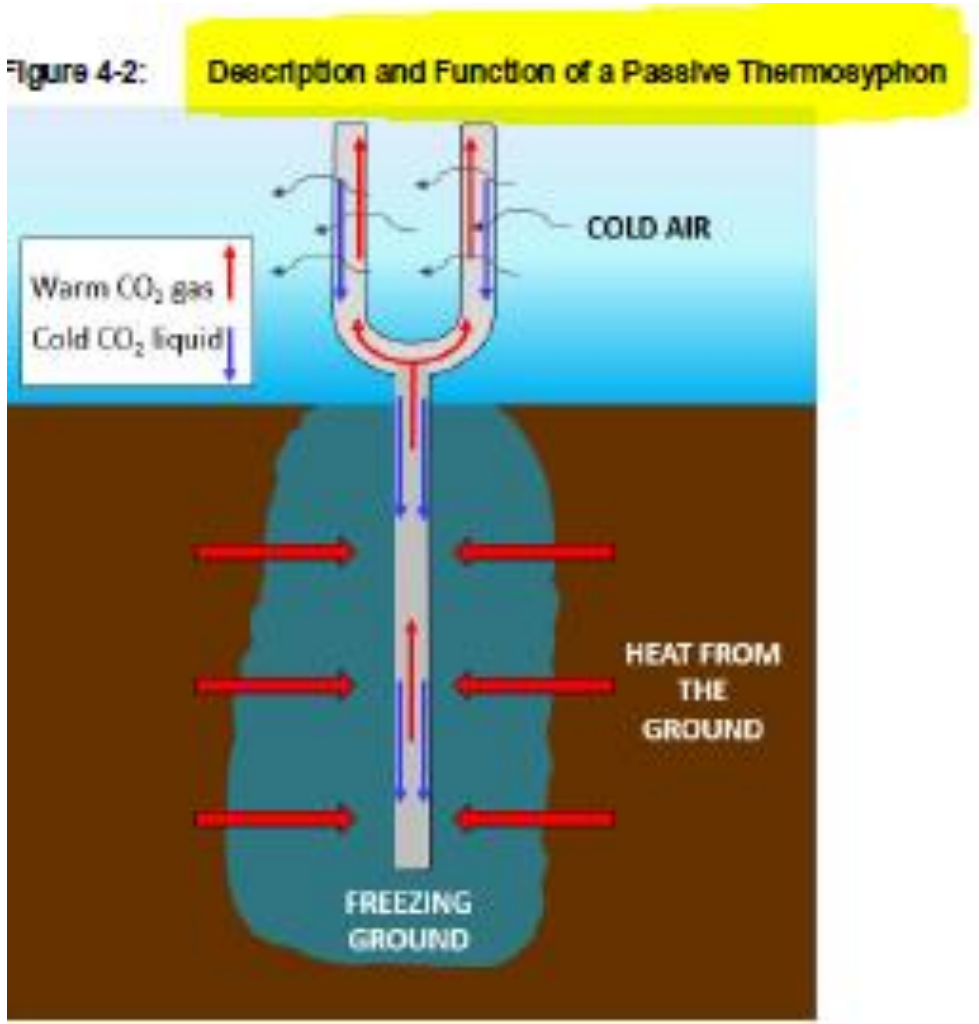
	Start	End
Prequalification of bidders	July 2026	August 2026
Request for Proposal	December 2026	January 2027
Construction	Spring 2027	2038

QUESTIONS

AR1 FREEZE SYSTEM INSTALLATION

AR1 Freeze System Installation

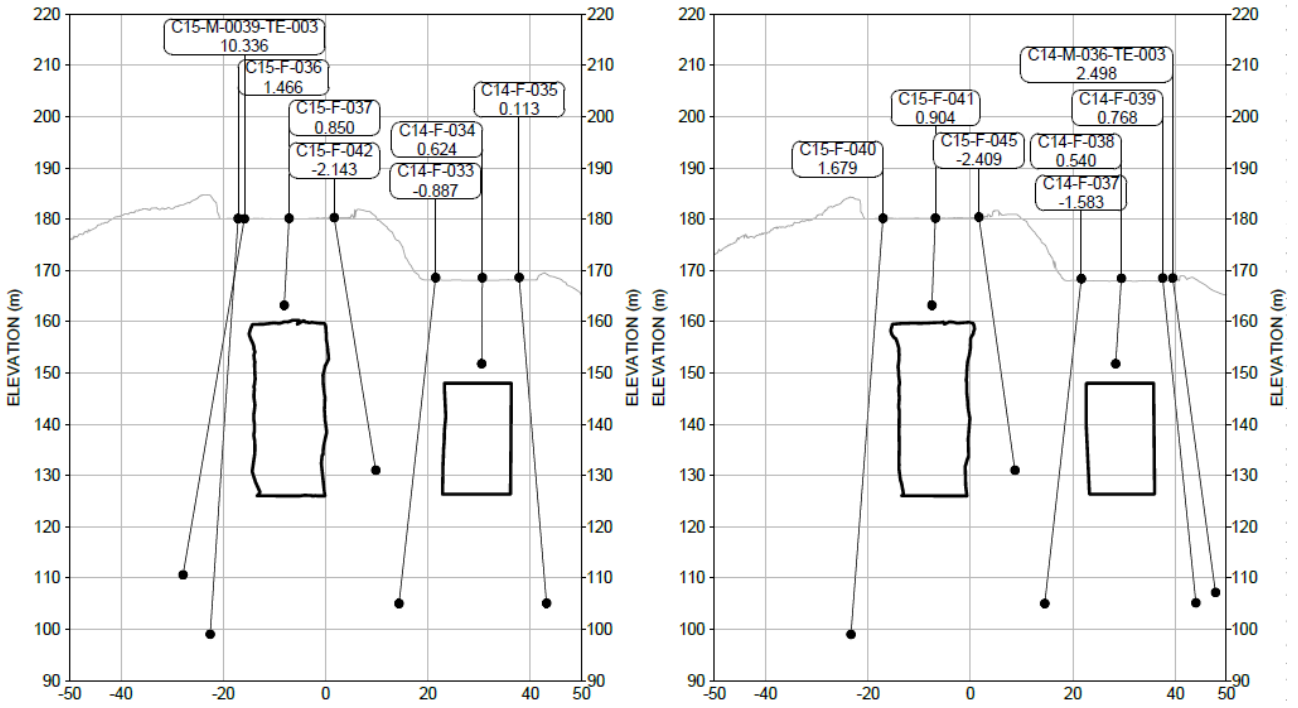
- **Highlights of Scope**
- A drilling and specialized instrumentation install Construction Work Package (CWP).
- Successful subcontractor will be working with Arctic Foundations (AFI) as the preferred vendor for the thermosyphons
- The construction of the freeze system for Area AR1.
  - 1 of 4 total freeze systems at the Giant Mine
- Deconstruction of the Freeze Optimization Study (FOS) infrastructure.
  - Some thermosyphons and boreholes will remain to support the future freeze system in FOS area.



AR1 Freeze System Installation

Highlights of Scope (con't)

- Boreholes/Thermosyphons:
  - 189 Long Thermosyphons,
  - 67 Short Thermosyphons, and
  - 23 Monitoring holes.
- Each thermosyphon will consist of a drilled 203 mm diameter open borehole, into which a 100 mm Schedule 80 (Sch80) welded steel pipe will be grouted.
- Borehole lengths range from 16 to 163.2 m.
- ~18,000 linear metres of drilling for AR1.

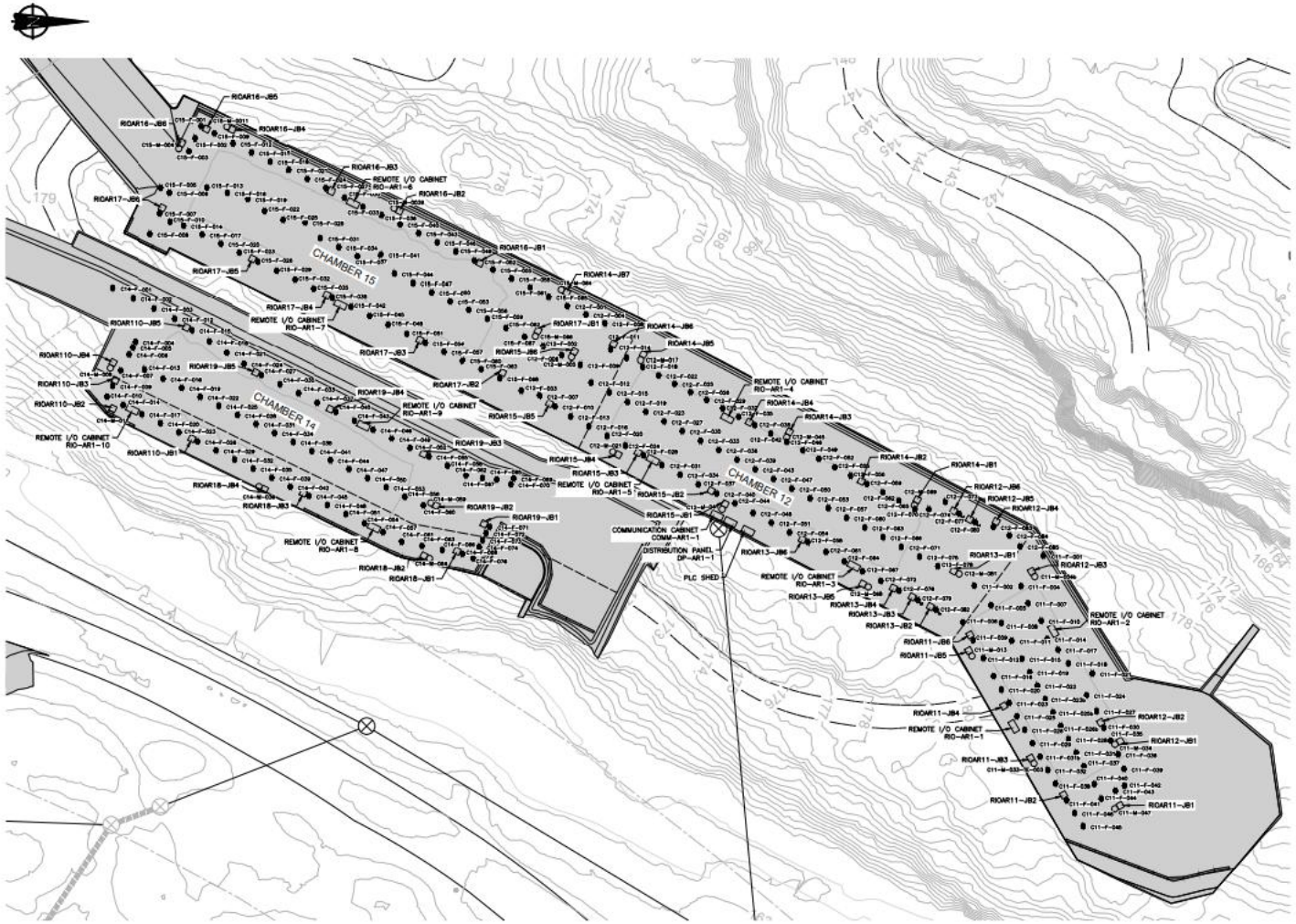


AR1 Freeze System Installation

Highlights of Scope (con't)

Implementation of the work package will include:

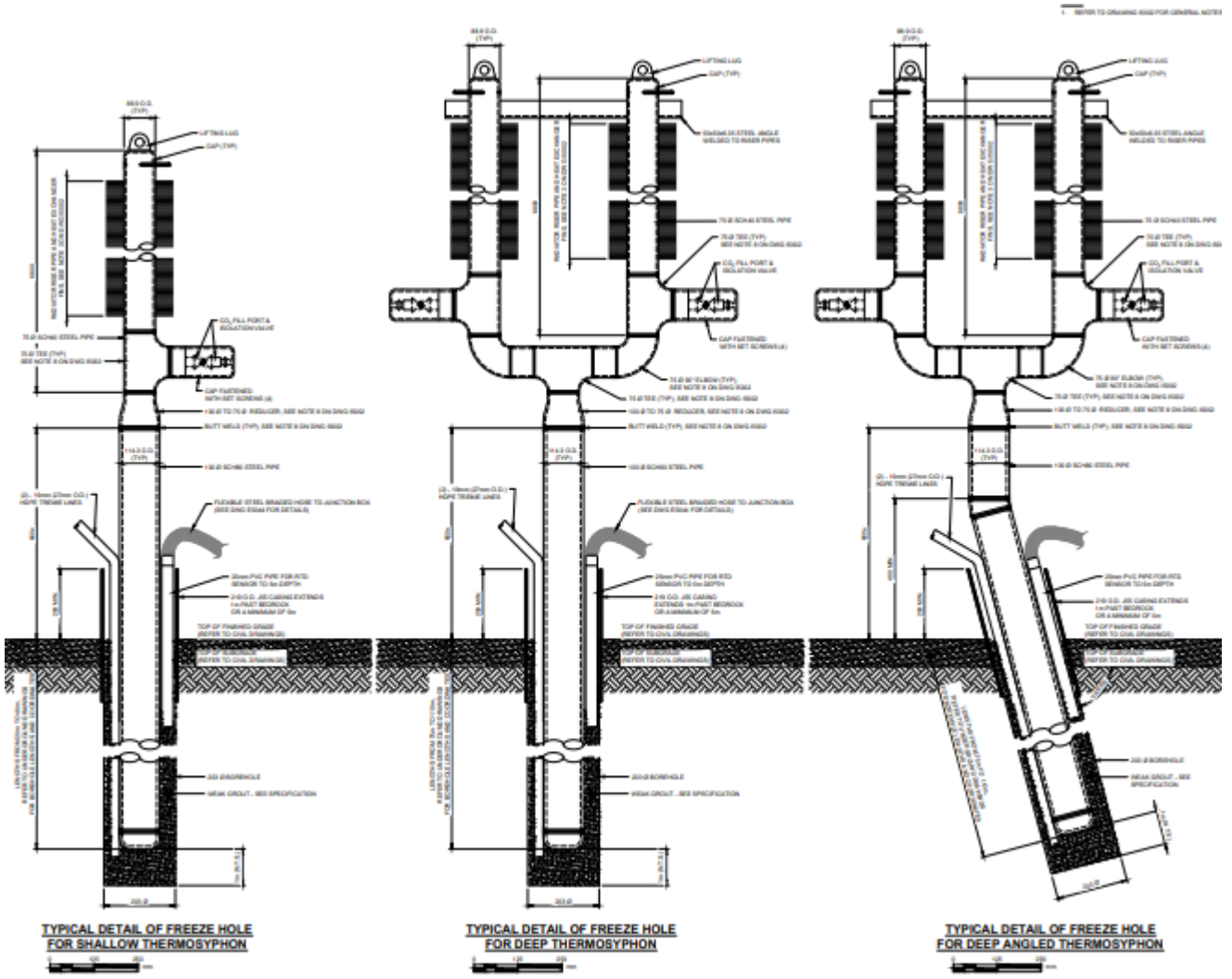
- Drilling including supply and installation of casing, thermosyphon and instrumentation pipes.
- Fabrication, supply, and installation of the thermosyphon radiators and connection piping. (AFI)
- Pressure testing and charging to make the thermosyphons fully functional. (AFI)
- Electrical and instrumentation I/O cabinets and distribution panels including terminations of all wiring downstream of primary feed.
- Fabrication and installation, wiring, and testing of the control panel in the WTP.
- Testing and commissioning as required by the specifications.



AR1 Freeze System Installation

Highlights of Scope (con't)

- This CWP is designated to be a Design-Bid-Build procurement.
- The work is sequenced to follow:
  - Construction of the new Water Treatment Plant
  - HAC Soil Washing and Chamber 15 Backfill



AR1 FREEZE SYSTEM INSTALLATION

	Start	End
Request for proposal	December 2025	January 2026
Construction	July 2026	August 2028

QUESTIONS

SUMMARY AND FUTURE WORK PACKAGES

Summary

Water Treatment Plant Operations

	Start	End
Request for proposal	November 19, 2025	Jan 15, 2026
Contract Award	Q1 2026	TBD

Wood Pellet Supply

	Start	End
Request for quotes	March 27, 2026	April 27, 2026
Delivery Period	Approx. July 31, 2026	March 31, 2035

Summary

Earth Works Remediation

	Start	End
Prequalification of bidders	February 2026	June 2026
Request for proposal	July 2026	October 2026
Construction	July 2027	2038

Surface Care and Maintenance

	Start	End
Request for Proposal	Late December 2025	January 30, 2026
Mobilization to Site	May 2026	September 2029

Demo – All Remaining Areas

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for Proposal	October 2026	December 2026
Construction	Spring 2027	Fall 2028

Summary

Baker Creek Reaches 4, 5, 6 Remediation

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for proposal	October 2026	November 2026
Construction	Spring 2027	July 2031

B1 Pit Excavation and Backfill

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for Proposal	October 2026	December 2026
Construction	Spring 2027	Fall 2030

Summary

AR1 Freeze System Installation

	Start	End
Request for proposal	December 2025	January 2026
Construction	July 2026	August 2028

Northwest Pond Tailings Containment Area

	Start	End
Prequalification of bidders	July 2026	August 2026
Request for Proposal	December 2026	January 2027
Construction	Spring 2027	2038

2026 AND BEYOND OPPORTUNITIES

- NS/FS New Boat Launch
  - Prequalification February 2028
  - RFP October 2028
- C1 Pit Backfill and Baker Creek Reach 3
  - Prequalification July 2029
  - RFP February 2030
- Baker Creek (Reach 0, Reach 1, Reach 2)
  - Prequalification February 2031
  - RFP October 2031
- AR2/AR3/AR4 Freeze Installation
  - RFP January 2031
- Nonhazardous Waste Landfill Closure
  - Prequalifcation February 2031
  - RFP October 2031
- Permanent Bridge Construction
  - Prequalification January 2031
  - RFP September 2031
- Final Roads and Bridge Demo
  - Prequalification February 2033
  - RFP October 2033
- Permanent Fencing and Signage
  - RFP October 2035

Note: All dates and scopes of work subject to change.

QUESTIONS

OUR PARTNERS ON SITE

THANK YOU

THANK YOU
MAHSI CHO

Submit questions to:

Denise.Aspinall@parsons.com

no later than November 30, 2025.

Questions and answers will be posted to: www.giantminerp.ca by January 31, 2026.

Participants will be notified via email.