

Teck

TULSEQUAH CHIEF MINE

# 2026 BI-ANNUAL REMEDIATION PLAN UPDATE

November 14, 2026

# AGENDA

1. Welcome & Introductions
2. Safety Moment
3. Summary of Teck-TRTFN Collaboration
4. Site Background
5. 2026 Field Season Highlights
6. Local Participation
7. Looking Ahead
8. Key Milestones
9. Discussions & Questions



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# 1. Welcome & Introductions

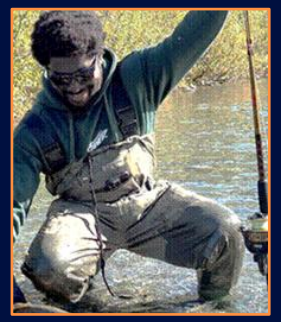


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# TECK – TRTFN STEERING COMMITTEE



**Rodger Thorlakson**
Lands and Resources Manager, TRTFN



**Gideon Kyei Serbeh**
Mining Coordinator, TRTFN



**Jackie Caldwell**
Consultant for TRTFN



**Dr. Chris Sergeant**
Research Scientist, U. of Washington, Consultant for TRTFN



**Dr. Deborah Read**
Tulsequah Chief Site Manager, Teck Resources



**Stephanie Tissot**
Manager, Social Performance & Lands, Teck Resources



**Carolyn Holmes**
Mining Technician, TRTFN

# 2. Safety Moment



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# SAFETY MOMENT

## Driving Emergency Preparedness Kit

- Blankets/sleeping bag
- Emergency Water
- Emergency Food
- First Aid Kit
- Candles
- Shovel
- Reflective sign
- Reflective vest
- Flashlight
- Jumper Cables
- Glass Hammer
- Winter Work Gloves


















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# 3. Summary of Teck & TRTFN Collaboration



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# COLLABORATIVE GOVERNANCE & ENGAGEMENT BETWEEN TECK & TRTFN

**Teck and TRTFN meet regularly to plan and discuss field activities.**

**Steering Committee:**

- Guides decision-making.
- Supports alignment on priorities and progress.

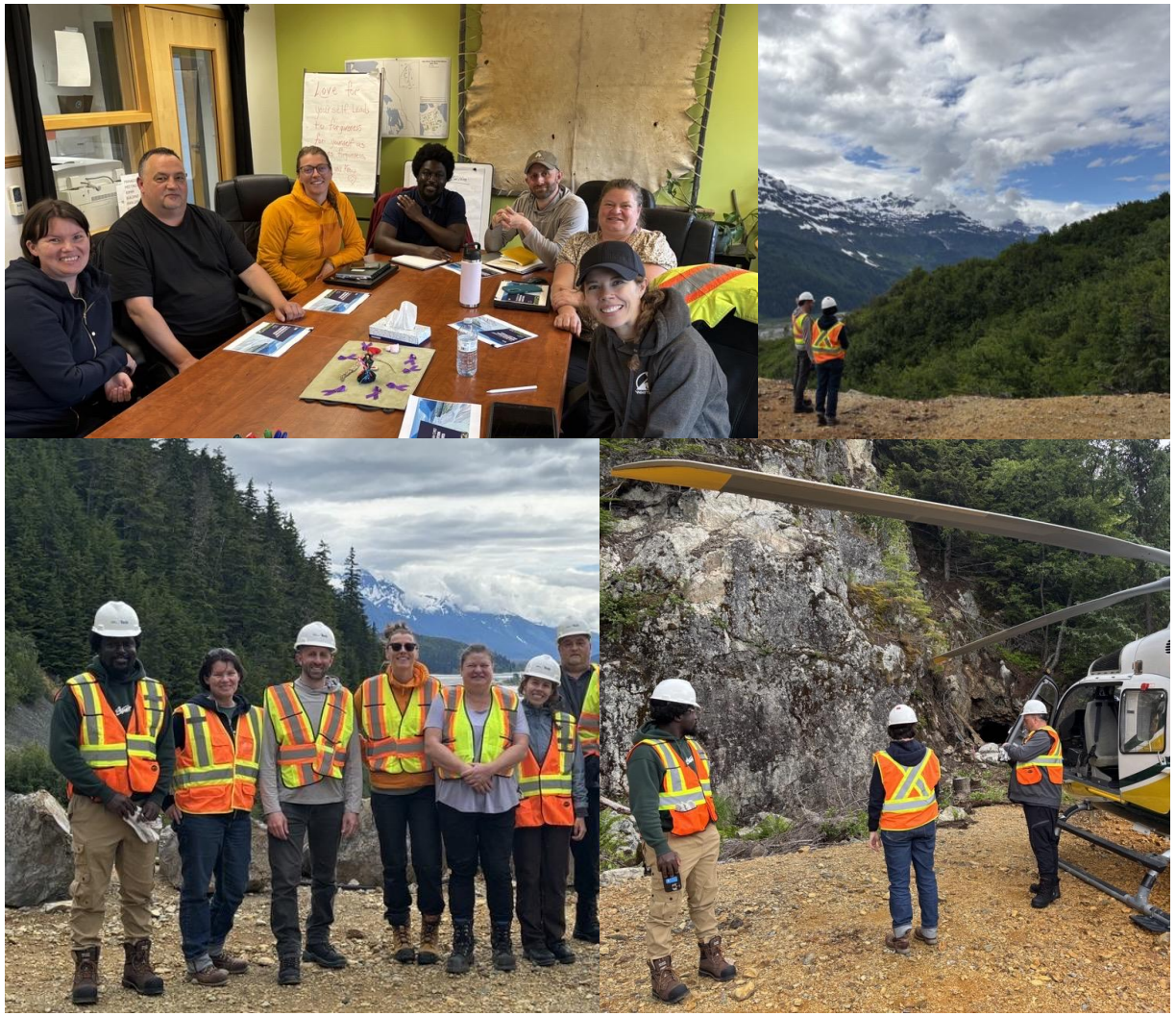
**Technical Working Group:**

- Reviews data and investigations.
- Facilitates collaborative technical discussions.



# COLLABORATIVE GOVERNANCE & ENGAGEMENT TECK & TRTFN

- **Regular Steering Committee engagement** twice monthly through virtual meetings, workshops, and site tours.
- **Technical Working Group reviews** informed technical studies, scopes of work, project proposals, and remediation actions.
- **Ongoing leadership engagement** included two briefing notes to TRTFN leadership to share updates, seek feedback, and support alignment on remediation planning.



# 4. Site Background



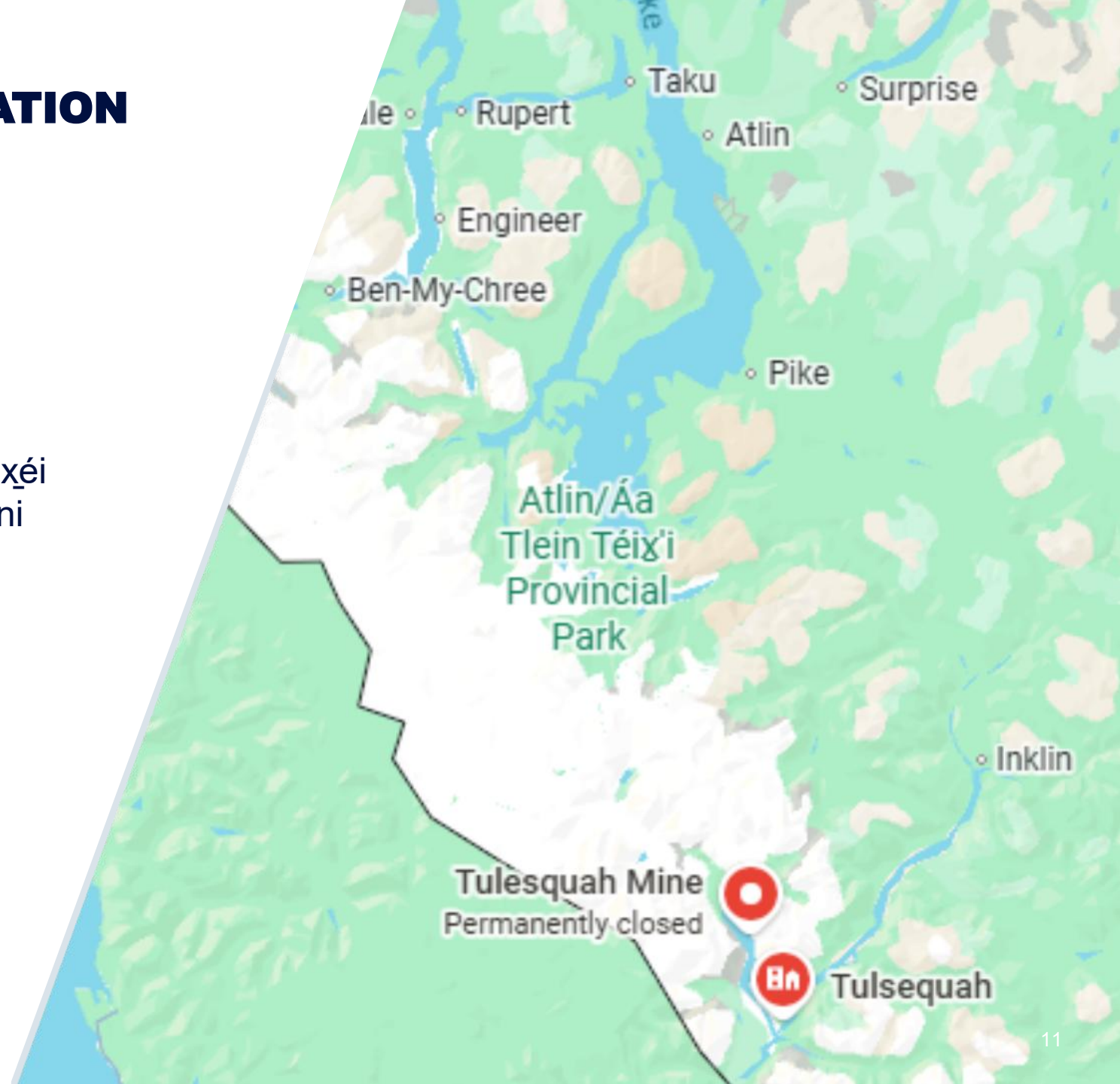
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# TULSEQUAH CHIEF SITE LOCATION

**The mine is located approximately 100 km south of Atlin, British Columbia, on the Taaltsux̲éi Héen.**

The mine is approximately:

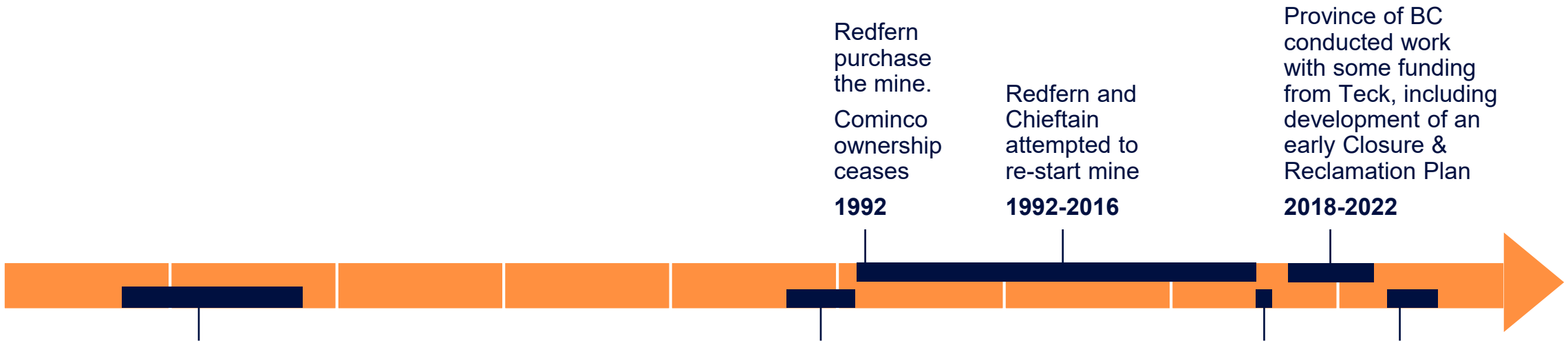
- 10 km upstream of confluence of Taaltsux̲éi Héen (Tulsequah River) and T'aakú Héeni (Taku River)
- 30 km from the U.S. border
- 50 km NE of Juneau




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# TIMELINE OF THE TULSEQUAH CHIEF MINE

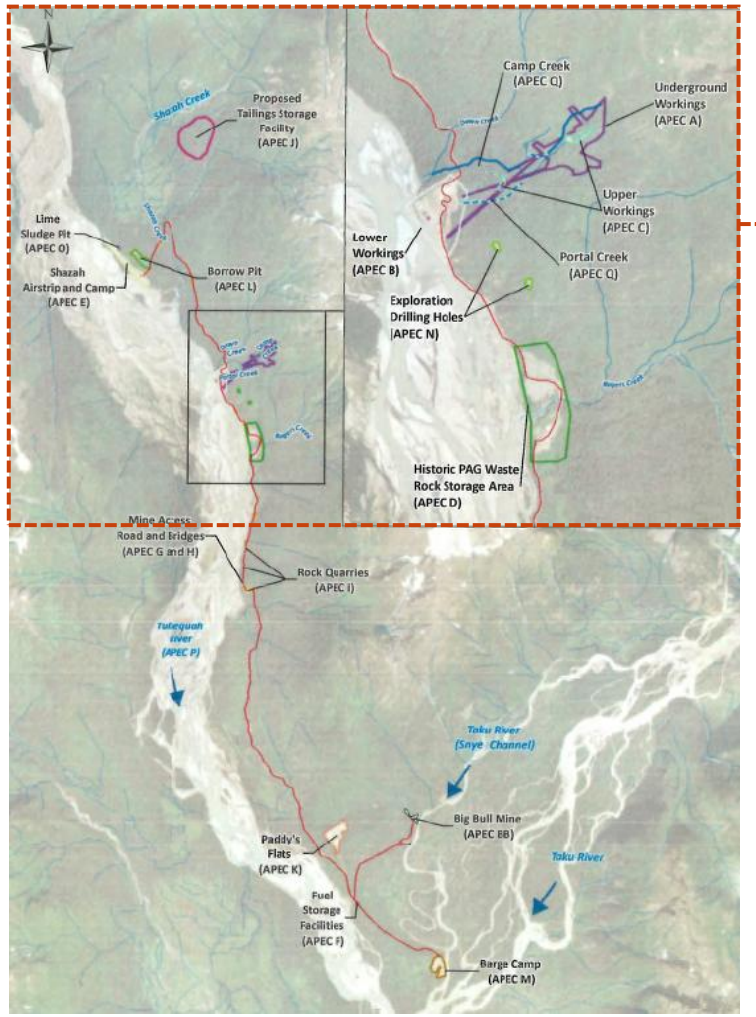
Objective: Teck and TRTFN developing a final remediation plan for the site

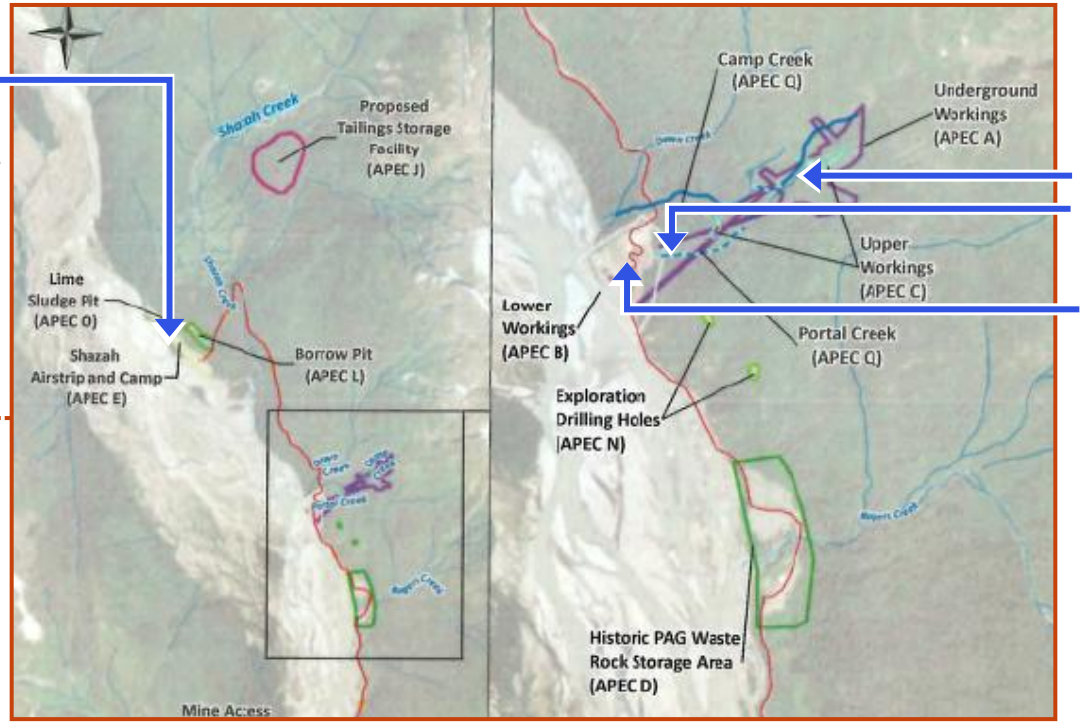



= 10 years

# SITE LAYOUT

airstrip, camp, lime sludge pit




upper and lower mine workings

waste rock, water treatment plant (not functional), lime sludge pit, exfiltration pond

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# 2025


Taaltsuxéi Héen
(Tulsequah River)
Discharge from exfiltration pond mixing into river
Temporary Camp
5400 Level
Exfiltration Pond Discharge point
Historic Water Treatment Plant
Mined rock

# 5. Field Season Highlights

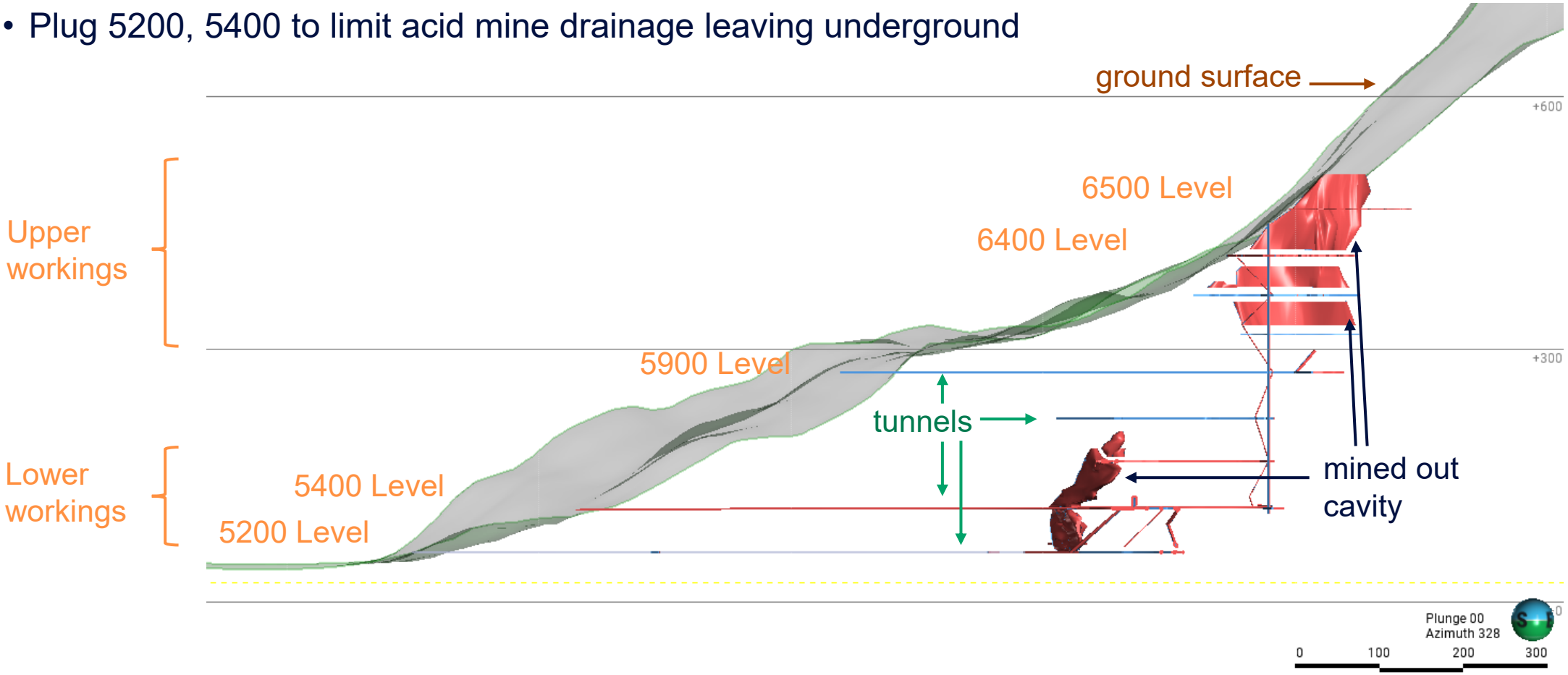


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# MINE WORKINGS CROSS SECTION

## Current remediation concept

- Secure all portals to prevent human entry
- Plug 5200, 5400 to limit acid mine drainage leaving underground

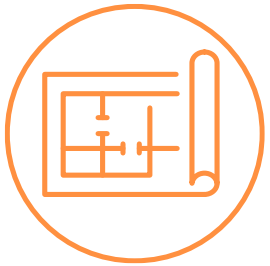


# 2026 PLANS



## Safe Access

- Maintained safe, reliable access to site
- Re-build temporary camp facilities to support fieldwork
- Conduct site visits with TRTFN, BC
- Repair bridge 8 abutments, repair culverts, and reinforce north end of airstrip



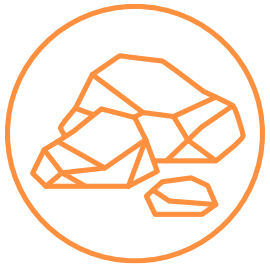
## Underground (U/G)

- Secure underground workings
- Identify possible locations for plugs
- Identify options to accelerate plug design and construction



## Water Management and Monitoring

- Collect water quality, sediment quality, aquatic insects, and flow data from the mine water and the Taaltsuxéi Héen watershed
- Install temporary sediment control measures
- Update mine water discharge model
- Assess options for mobile water treatment unit



## Mined Rock

- Quantify the geochemistry of waste rock and ore stored on surface



## Environment

- Adult salmon tissue metals concentration
- Understand if bats are using the adits
- Understand aquatic risk to life in Taaltsuxéi Héen



## Planning

- Draft Remediation Plan with updated Options

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# SAFE ACCESS

## Access to Site

During the 2026 field season, safe and reliable site access remained a priority to support field investigations and complete required infrastructure improvements.

- **Safe Site Access:** Maintained safe, reliable access throughout the season.
- **Camp Facilities:** Rebuilt temporary camp infrastructure to support field operations.
- **Infrastructure Improvements:** Completed Bridge 8 abutments replacement



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# BRIDGE 8 ABUTMENTS REPLACEMENT





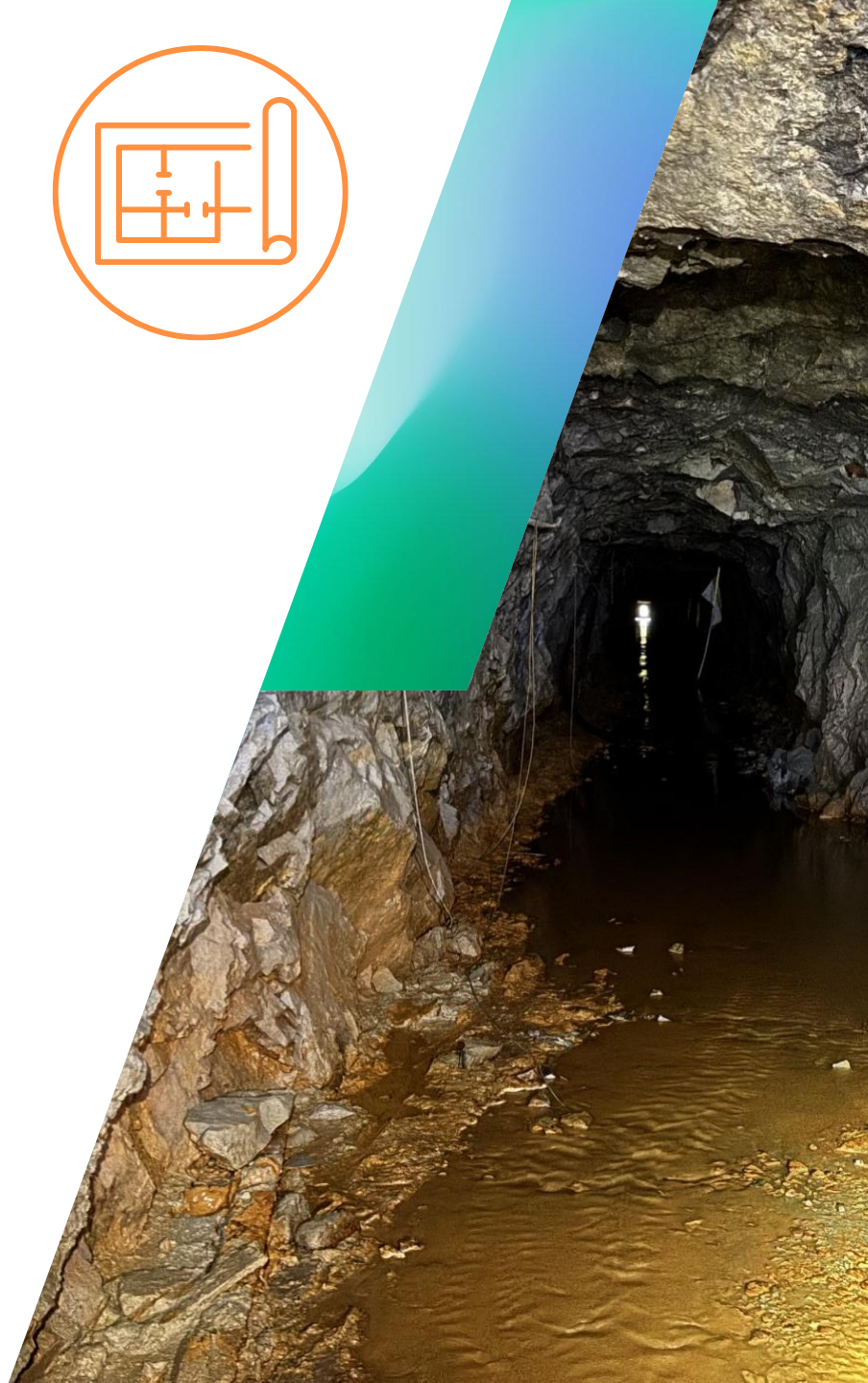

# UNDERGROUND

## Secure Underground Workings

At the start of the 2026 field season, we committed to advancing underground investigations to support remediation design and implementation planning.

- **Underground Access & Safety**
  Drone Survey and engineering inspection. Constructed ground support in the 5400L and 5200L to support safe access to potential plug locations.
- **Plug Location Assessment**
  Identified and evaluated potential location for 5400L plug.

Underground investigations and planning activities were completed, supporting advancement of the remediation plan and potential plug construction next year.



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# UNDERGROUND STABILIZATION

5400L – July 2026



5200L – May 2026



5200L – July 2026



# UNDERGROUND

## Accelerating Plug Design

### Remediation Approach

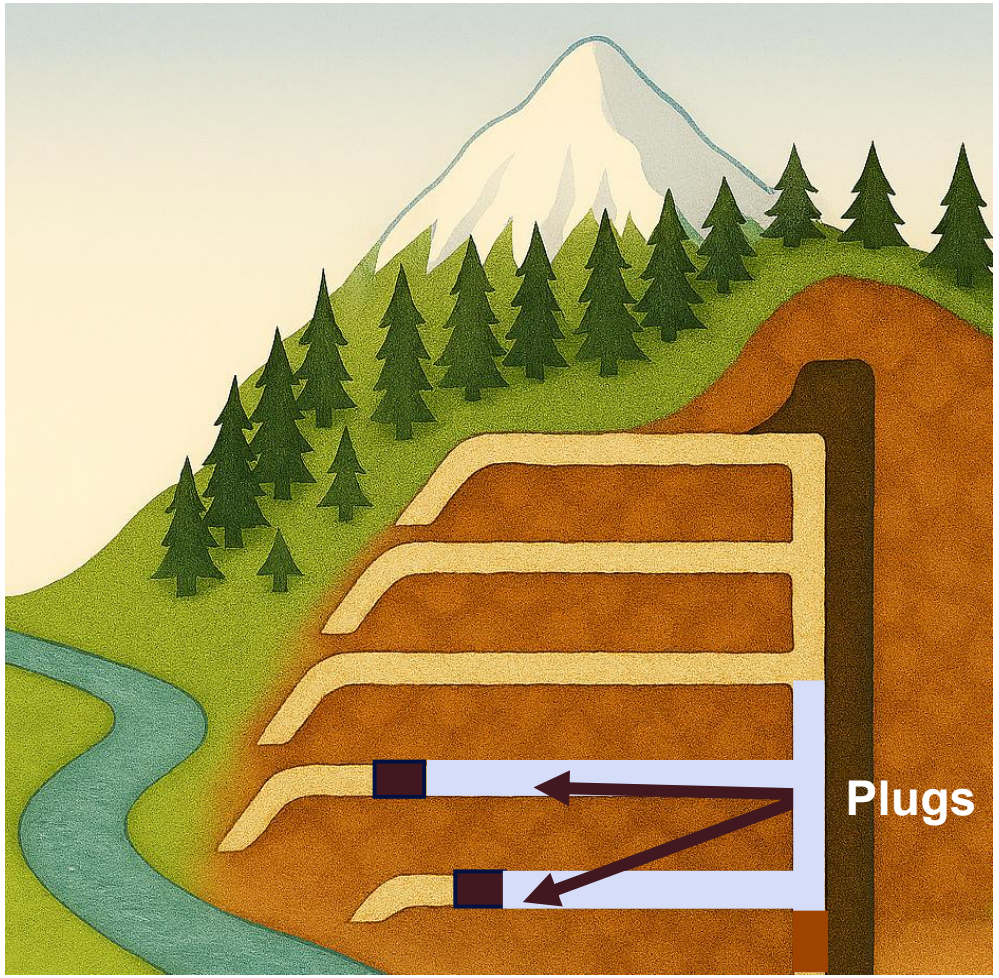
- Install plugs in the two lowest levels of the mine so it can safely fill with water.
- Flooding the mine helps limit reactions between air, water, and rock that can create water quality concerns.

### Accelerated Remediation Planning

- Assessed opportunities to advance plug design and construction timelines.

### Preliminary engineering design

- An initial design has been developed using information from drone surveys.
- The design for the 5400 Level is being refined based on conditions observed underground.
- The design for the 5200 Level will be updated once conditions at the planned plug location are confirmed.



# MINED ROCK

At the start of the 2026 field season, we wanted to understand if:

- We had sufficient information on the mined rock to inform remediation planning.
- The other material stockpiles on site could be used in potential remediation activities.

**Geochemistry**

- Reviewed the geochemistry of waste rock and ore stored on surface.
  - There is a lot of information, no further study of the mined rock was recommended.
- Geochemistry of potential construction material on site.
  - Material was determined to be non-ARD generating, so ok for use in construction.

Results will be used to inform remediation planning and future design decisions



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# POTENTIAL CONSTRUCTION MATERIAL





# WATER MANAGEMENT AND MONITORING

Several activities were undertaken during 2026 to continue to improve our understanding of water quality and watershed conditions, improve water management, and evaluate options to support future remediation activities.

### Water Quality Monitoring

- Collected water quality, sediment quality, aquatic insect, and flow data from mine water and the Taaltsuxéi Héen watershed.

### Environmental Monitoring

- Expanded understanding of watershed conditions and environmental performance.

### Sediment Control

- Removed sludge from drainage channels and exfiltration pond.
- Installed temporary sediment control measures to reduce sediment movement from site activities.

### Mine Water Modelling

- Updated the mine water discharge model to support water management and remediation planning.

### 5900 Drainage Channel Design

- Conceptual engineering design for drainage channel from 5900L to Camp Creek underway.



# WATER MANAGEMENT AND MONITORING



ERM water sampling - May 2026



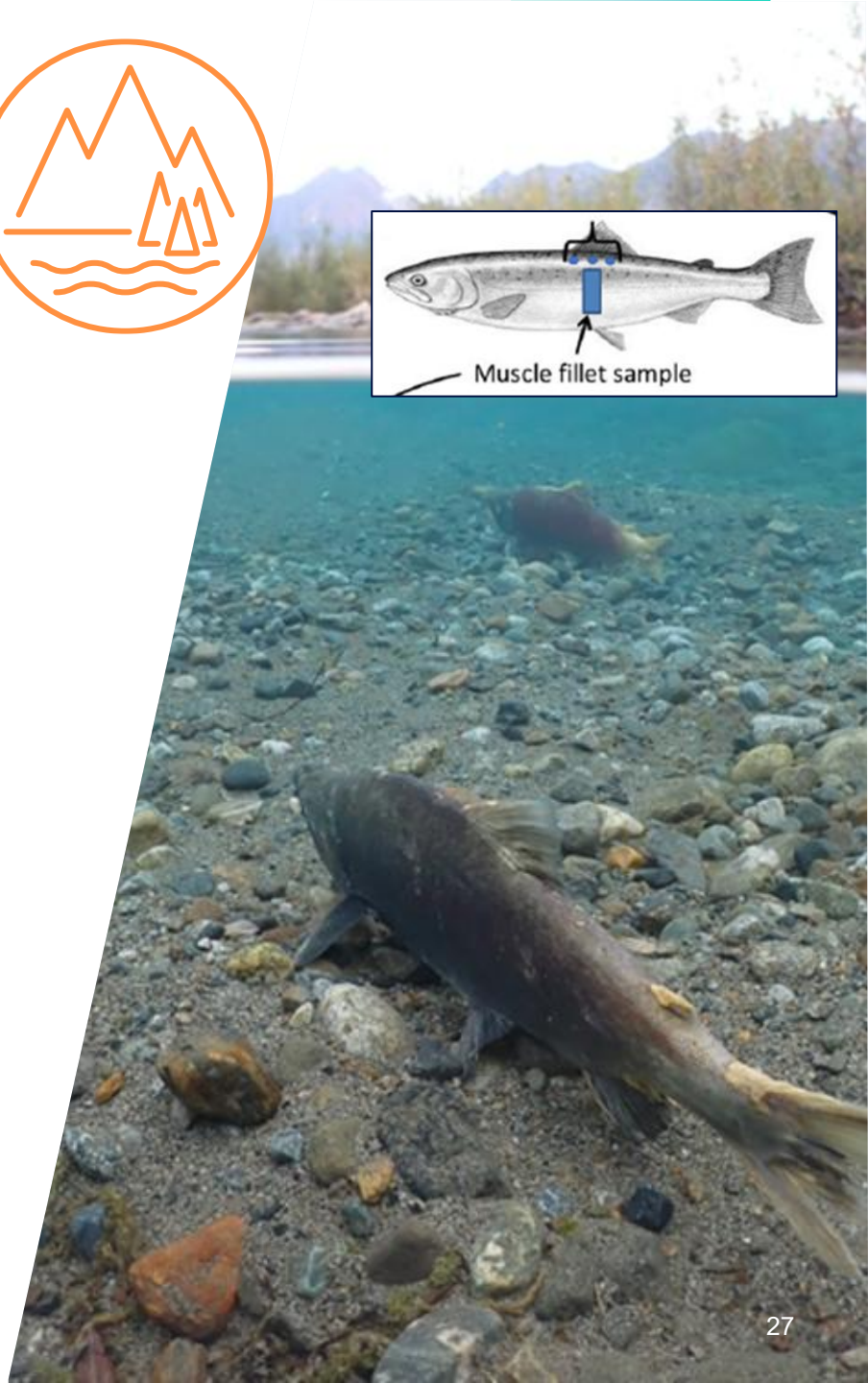
Exfiltration pond sludge removal – August 2026

# ENVIRONMENT

During 2026 we increased our understanding potential environmental effects in the watershed and gathered information to support remediation planning and environmental protection.

- **Salmon Health Assessment**
  Assessed metals concentrations in adult salmon tissue to better understand potential exposure pathways.
- **Bat Use of Adits**
  Investigated whether bats are using underground mine adits. Bats may be using 5200L for hibernating. Little brown myotis present near portals.
- **Aquatic Risk**
  Evaluating potential risks to aquatic life within the Taaltsuxéi Héen watershed.

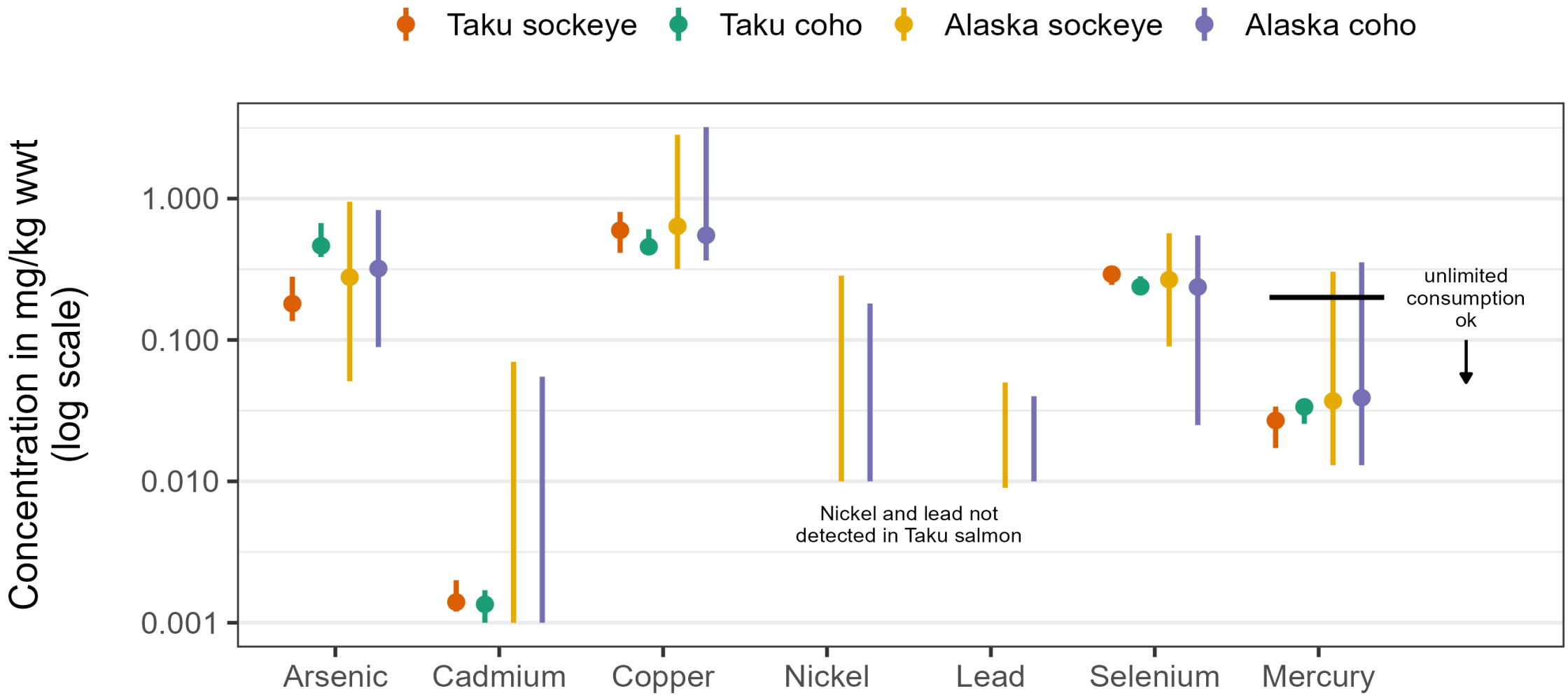
Environmental studies are helping inform remediation planning and environmental management.




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# Metal concentrations in Taku and Alaska salmon

Points = median; bars = minimum to maximum

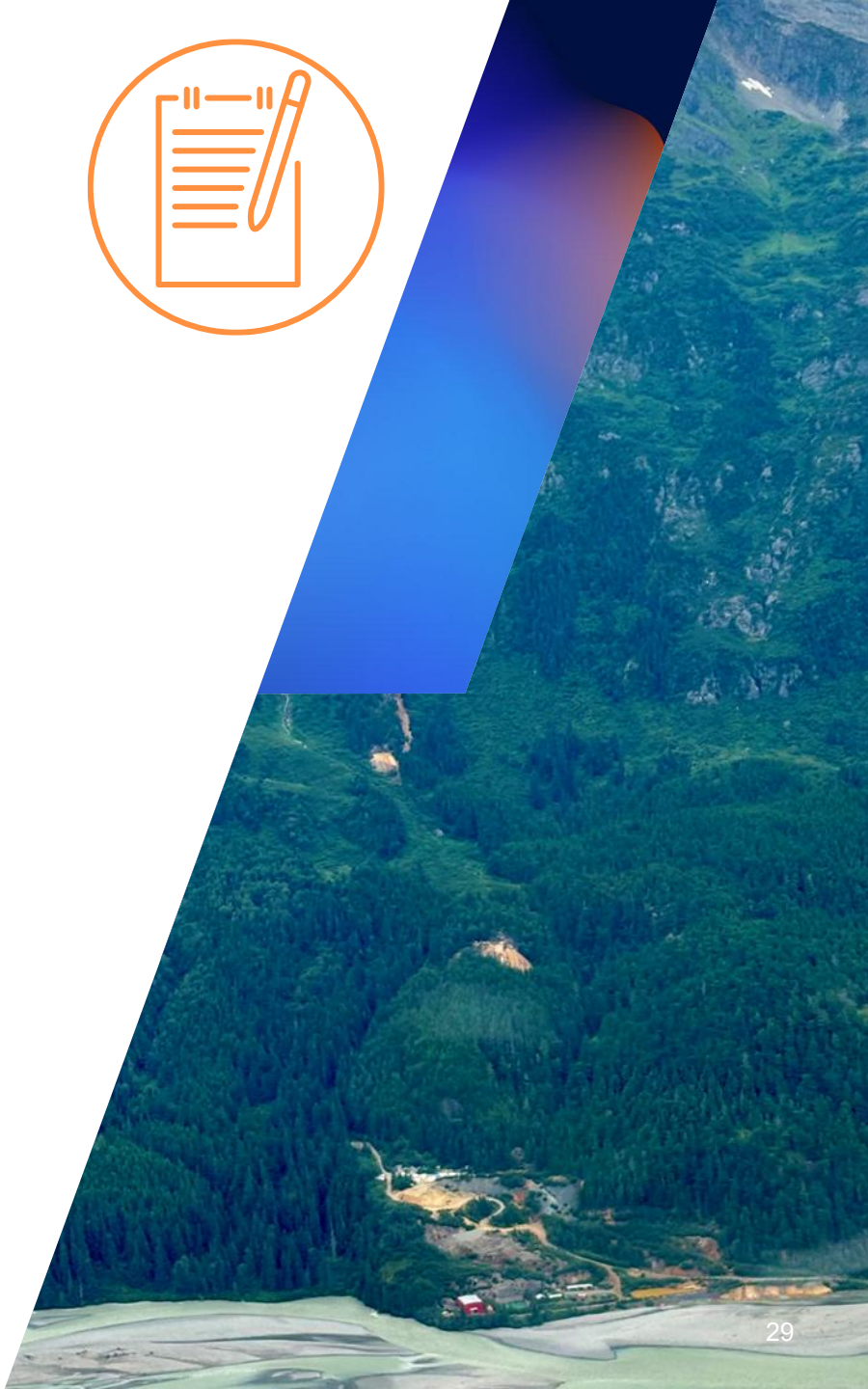


# REMEDIATION PLANNING

In 2026 we advanced remediation planning (underground and waste rock) by refining remediation options and identifying a preferred path forward for the site.

Significant planning work completed in the year included:

- Updated Remediation Options
- Draft Remediation Plan to mitigate acid rock drainage
- Collaborative Review
- Implementation Planning



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# SITE TOUR & REMEDIATION OBJECTIVES WORKSHOP

June 2026









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# 6. Local Participation




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# LOCAL PARTICIPATION

TRTFN staff participated in field activities and monitoring.

Site visits, workshops and technical discussions supported knowledge sharing and remediation planning.

Taku River Tlingit-owned business provided services to support field operations.

ATELP:

- Provided equipment (kubotas, fuel truck, excavator, rock truck)
- Airstrip maintenance
- Sediment control installation
- Weather station foundation
- Underground contractor support
- Bridge 8 abutment replacement
- 32,752 L of 35,932 L (91%) of diesel used on site



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# LOCAL PARTICIPATION



Gideon and ERM – May 2026



Carolyn and ERM – September 2026

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# 7. Looking Ahead



# KEY PROJECT MILESTONES

**Regulatory Order**

- The Province is potentially issuing a Pollution Abatement Order that provides the regulatory framework necessary to expedite implementation of the underground plug program.
- Construction of the lower mine underground plugs could start as early as 2027, subject to regulatory approvals.
- By targeting the source of acid generation, engineered plugs have the potential to deliver durable, long-term water quality improvements and are the cornerstone of our remediation approach.



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# KEY PROJECT MILESTONES

## Remediation Plan

- Focus in 2027 will be on implementing approved remediation measures, including construction of underground plugs to address acid rock drainage, subject to regulatory approvals.
- Concurrently, Teck and TRTFN will continue advancing a longer-term Remediation Plan that evaluates remediation options (waste rock).
- Future remediation phases will be advanced as technical understanding grows and regulatory pathways are further defined.



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# 8. Key Milestones



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# NEXT STEPS (SUBJECT TO REGULATORY APPROVALS)

- **Continue engagement with TRTFN leadership and citizens** to share progress, gather feedback, and discuss remediation planning and future site activities (Q4 2026, spring 2027).
- **Develop an Economic Development Plan** with TRTFN and ATELP to identify participation opportunities associated with approved remediation activities (Q4 2026).
- **Provide project updates to the public** through presentations to the Bilateral Working Group (Alaska) and a public webinar for interested members of the public (Q4 2026).
- **Advance technical planning and scopes of work for the 2027 field season**, including investigation, monitoring, and remediation activities (Q4 2026, Q1 2027).
- **Maintain engagement with regulators** to support planning, approvals, and alignment on field activities.
- **Target commencement of 2027 field activities in May 2027**, subject to regulatory approvals, site conditions, and logistics.



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# 8. Discussion & Questions



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# STAY CONNECTED



## We Want To Hear From You

You can ask us questions, share concerns or provide feedback at any time by leaving us a voice message at 1.888.767.7706 or emailing **legacyproperties@teck.com** and our team will respond in a timely manner. Learn more about us at **Teck.com**

You can also reach us at Teck's Corporate Office: **teck.com/about/contact**

Updates on the progress of remediation planning will also be available at: **teck.com/sustainability/sustainability-topics/tulsequah-chief-mine/**


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# THANK YOU