



**MOUNT NANSEN**  
REMEDICATION LP 

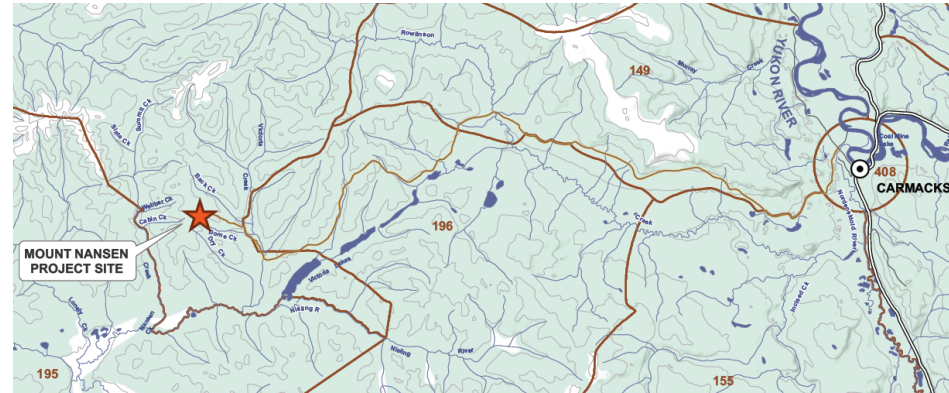
# Mount Nansen Mine Remediation Project

Little Salmon Carmacks First Nation General Assembly

June 10, 2019

# Mining at Mount Nansen

- Abandoned gold (and silver) mine 60 km west of Carmacks.
- Underground development in the 1960s and 70s.
- BYG Natural Resources Inc. mined the site 1996-99.
- Shut down due to poor recoveries, tailings dam geotechnical stability issues, and water licence non-compliances.



# *Building a positive legacy*

- Remediation – to “remediate” means to limit or stop environmental (and socio-cultural) damage.
- **Mount Nansen Remediation LP** partnership between Alexco Environmental Group and JDS Energy & Mining.
- Working with Government of Canada and LSCFN to remediate the abandoned BYG Mount Nansen mine site.



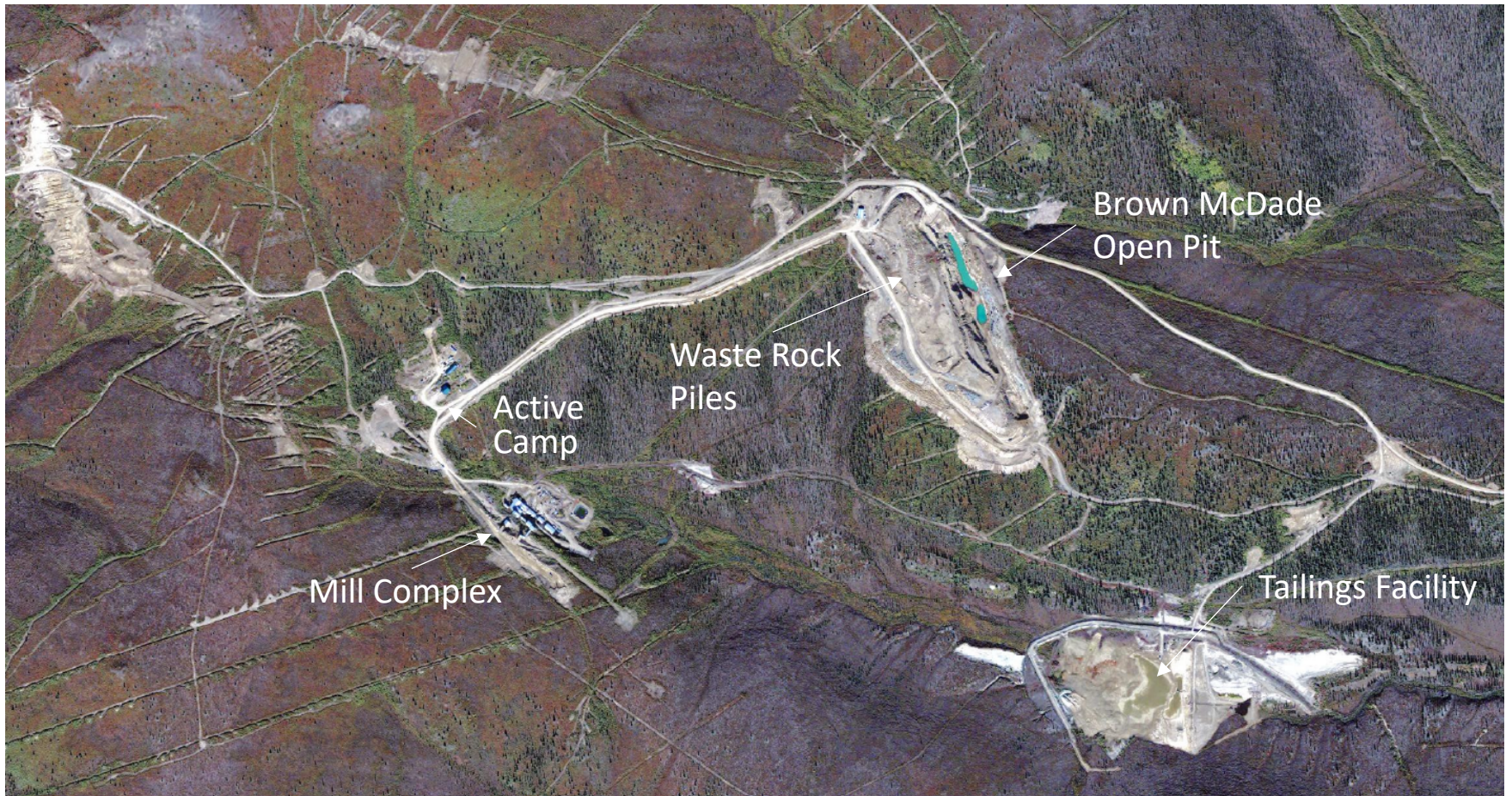
## **Participation and Benefits Agreement with LSCFN**

- Revenue sharing.
- Involvement in continuing to develop remediation plan.
- Involvement in YESAA and Water Licence applications and processes.
- Training, employment and contracting opportunities.
- Quarterly and annual reporting.



# Remediation Plan

*Implementing the remediation option selected by LSCFN, Government of Canada and Yukon Government.*

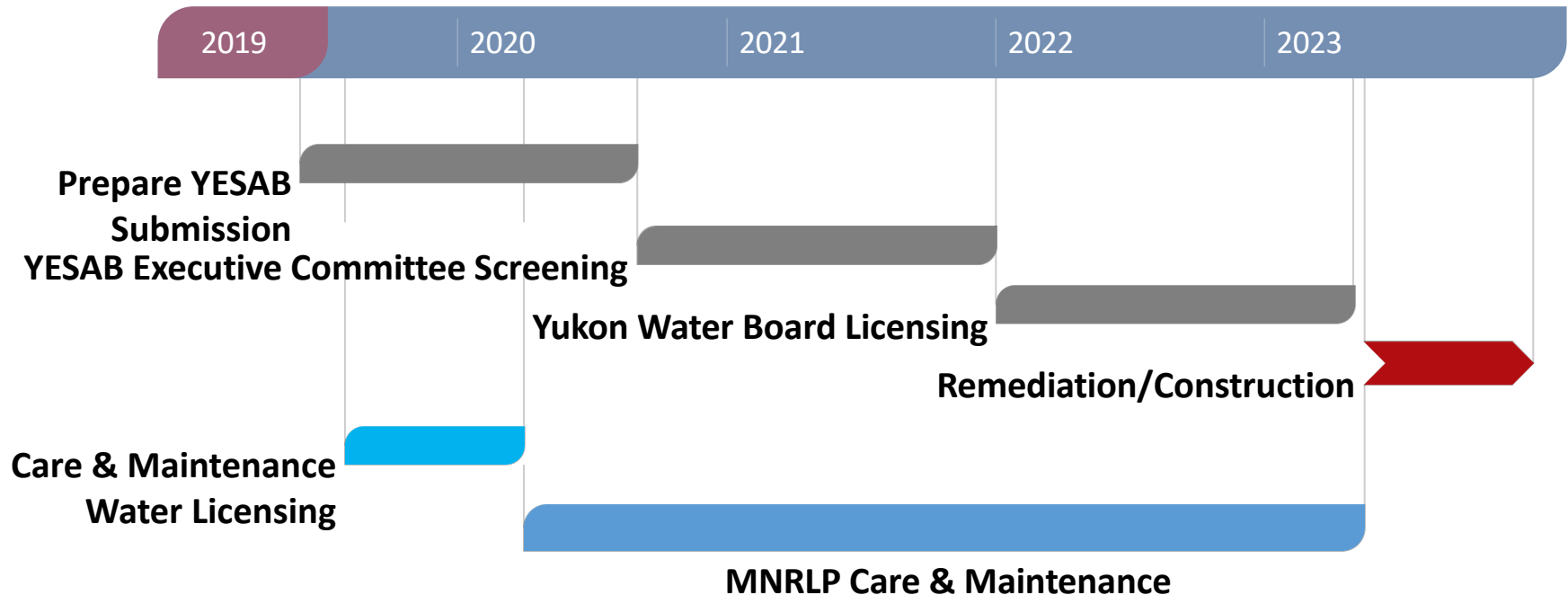


- Protect **human health and safety**.
- Protect and restore the **environment** including land, air, water, as well as fish and wildlife and their habitats.
- **Return the mine site to an acceptable state** that reflects original, traditional and pre-mining land use.
- Maximize local, Yukon and First Nation **benefits**.
- **Manage risk** in a cost effective manner.

# Project Schedule (2019-2020)

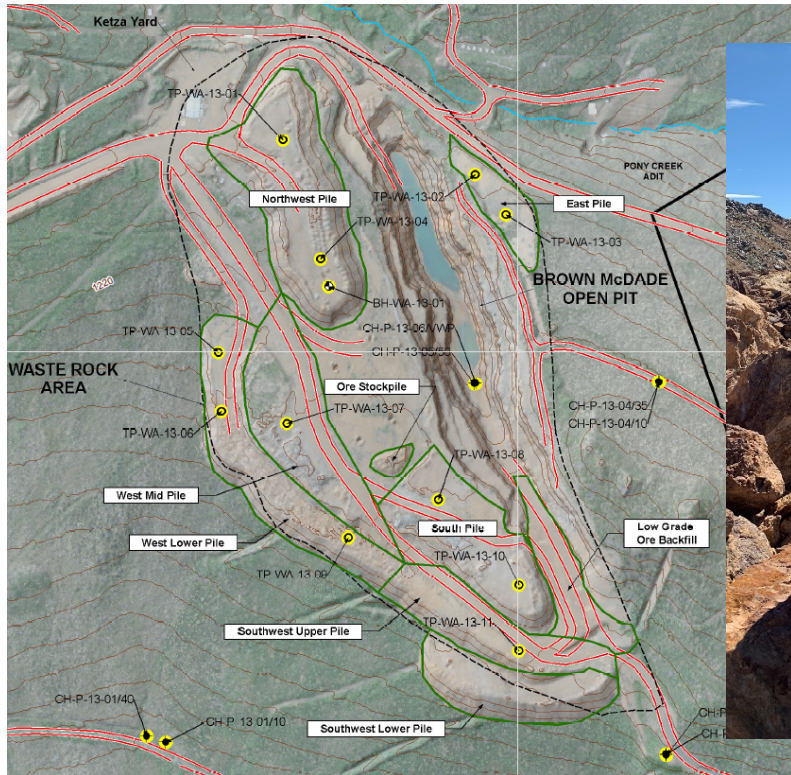
	2019				2020						
	Q3		Q4		Q1		Q3		Q4		
<b>Care &amp; Maintenance</b>											
YG managed C&M	█	█	█	█	█	█	█				
C&M Water Licensing		█	█	█	█	█	█				
MNRLP managed C&M								█	█	█	█
<b>YESAB Project Proposal</b>											
Field Work	█	█									
60% Engineering Design Remediation Plan	█	█	█								
Executive Committee submission	█	█	█	█	█	█	█	█	█		
YESAB Process										█	█

# Project Schedule (2019-2023+)





## ➤ Waste Rock and Stockpiled Ore



Backfilled to the  
Open Pit



Year 1 (2023) & Year 2 (2024)

## ➤ Tailings Facility



*Year 1 (2023) & Year 2 (2024)*

Backfilled  
to the  
Open Pit



## ➤ Mill Buildings and Other Infrastructure



To be demolished – hazardous waste shipped offsite for disposal; inert material to be buried in Open Pit.

*Year 2 (2024) & Year 3 (2025)*



- Pit Cover
- Dome Creek Valley Reconstruction
- General site regrading, remediation and revegetation

*Year 3 (2025)*



- *Performance Monitoring and Adaptive Management (2026-2030)*

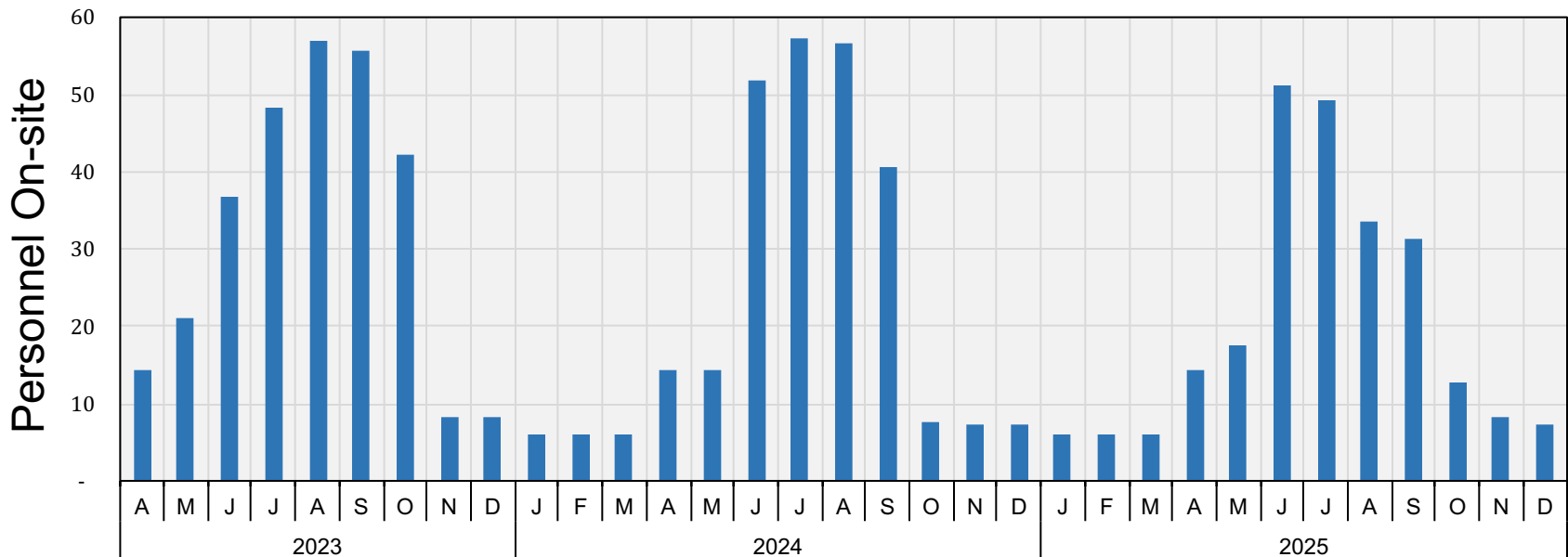
# Labour Requirements

## ➤ Care & Maintenance (2020-2023)

- ~7 staff year-round

## ➤ Remediation (seasonal 2023-2025)

- Peak of 57 staff during each season.



- Upcoming engagement – community events, open house, interviews.
- Website: [www.mnrlp.ca](http://www.mnrlp.ca)
- Contact Lauren Haney, Project Manager
  - [laurenh@mnrlp.ca](mailto:laurenh@mnrlp.ca)
  - (867) 668-6463 ext 290
- Contact LSCFN Project Working Group
  - Alan Steel, Eddie Skookum, Shauna Byers and Daemon Tracey (alternate).

# *Building a positive legacy*

*Together, we can clean up  
and reclaim the Mount  
Nansen Mine Site*

Thank you for inviting us to  
your General Assembly!

Mási Cho

