

An aerial photograph of a mountainous region. In the foreground, a dense forest of evergreen trees covers the lower slopes. A winding road or path leads through the forest towards a small town or village nestled in a valley. The town features several buildings and a central area. To the right of the town, a large, calm lake is visible, surrounded by more forested hills. In the background, a range of mountains stretches across the horizon under a sky filled with scattered clouds. The overall scene is a mix of natural beauty and human settlement.

Cariboo Gold Project Early Engagement Phase Planning

Barkerville Gold Mines Ltd.

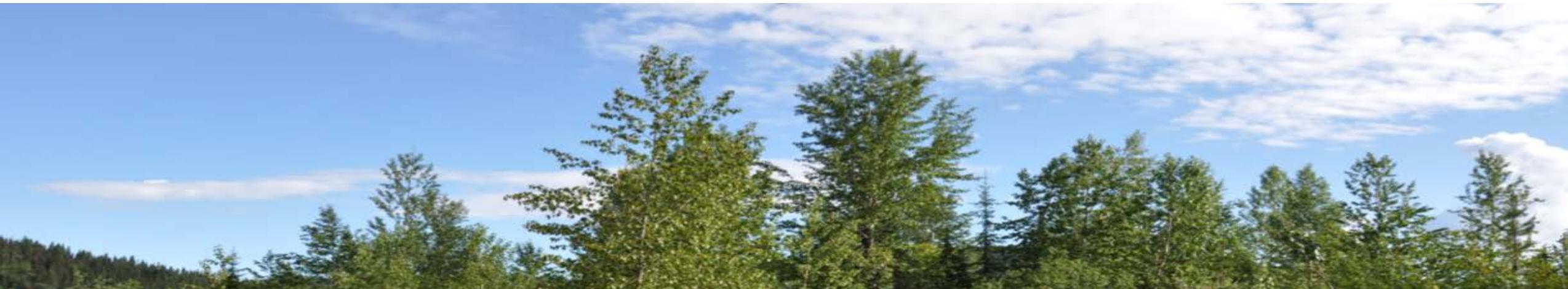
Williams Lake First Nation

September 21, 2020



Welcome

- Thank you for inviting us to your Chief and Council meeting
- We are here today to talk to you about the Cariboo Gold Project, an underground gold mine that Barkerville Gold Mines Ltd. (BGM) is proposing to construct and operate in the District of Wells and at the QR Mine
- We want to share information with you, answer your questions and learn from you about what is important to you
- It is through sharing information that we will make the Project a better project



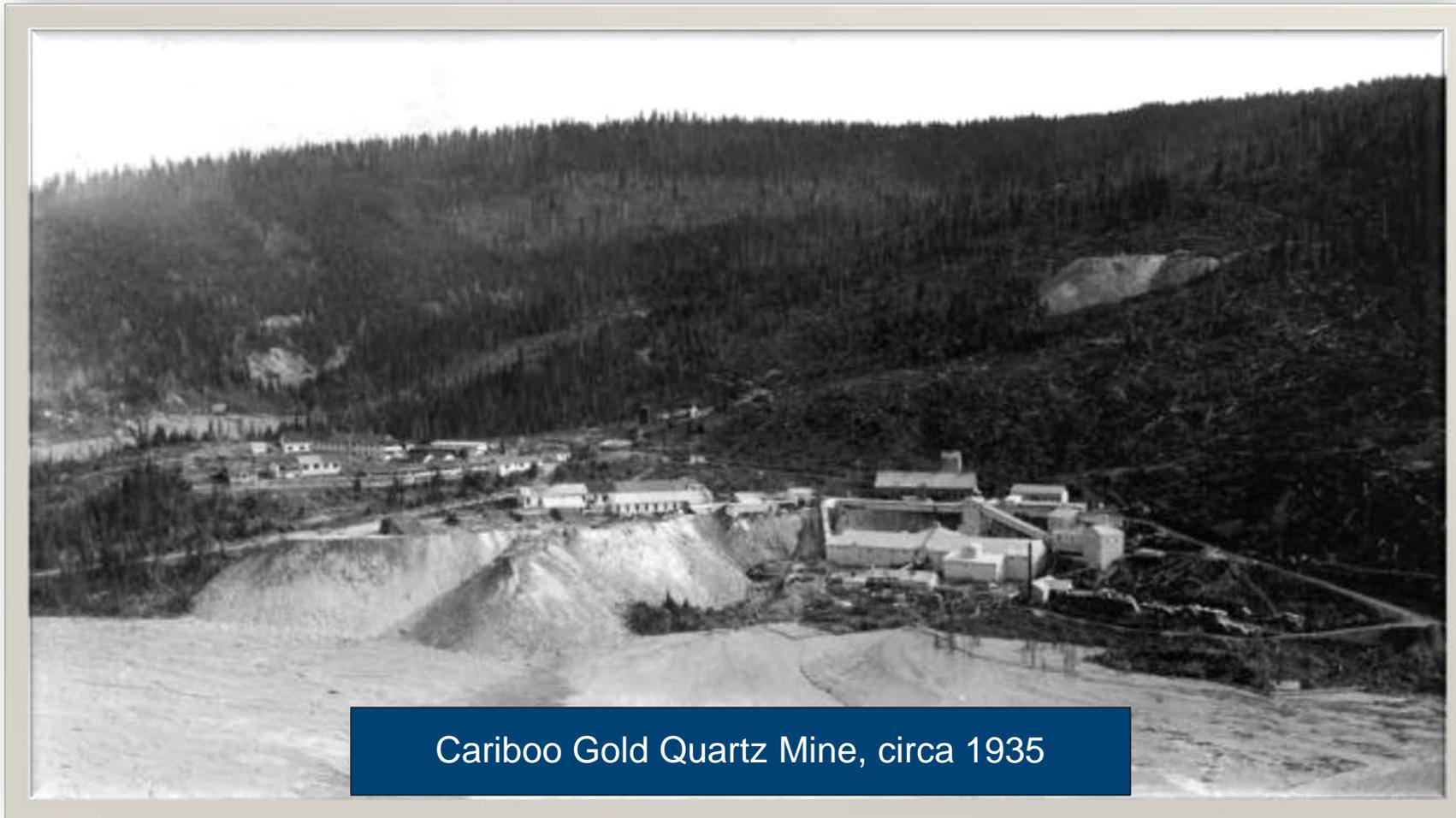
Our Company

- BGM is a Canadian company owned by Osisko Gold Royalties Ltd.
- BGM is based in Wells, BC and headquartered in Toronto, Ontario
- BGM has been operating the Bonanza Ledge Mine near Wells and the QR Mill site since 2014



Our Vision

Vision: To establish a safe, sustainable, long life mining operation in BC's historic Cariboo Mining District that has a low environmental impact and positive socio-economic return for our Indigenous partners and stakeholders



Cariboo Gold Quartz Mine, circa 1935

Our Approach

A Full Life-Cycle Approach from Exploration to Reclamation:

- Exploring new targets
- Plan, develop and operate the Cariboo Gold Mine
- Operating Bonanza Ledge Mine - applied to extend life of mine
- Commitment to progressive and ongoing reclamation

Exploration



Studies



Mining



Reclamation



Our Approach to Indigenous Nation Involvement

- Proactive, open approach with early and ongoing involvement
- Strengthen existing relationships and build new relationships
- Discuss with Indigenous nations how they want to be involved
- Incorporate input into the Project by:
 - Supporting Nation-specific studies
 - Considering traditional and contemporary knowledge and use and environmental, social and cultural values
 - Identifying concerns and/or effects and working to address them
 - Identifying potential training, employment and business opportunities

Cariboo Gold Project – Project Components

Mine Site

- 4,750 tonnes per day underground mine (average production)
- Surface concentrator with service facilities

Bonanza Ledge

- Waste rock storage facility

QR Mill

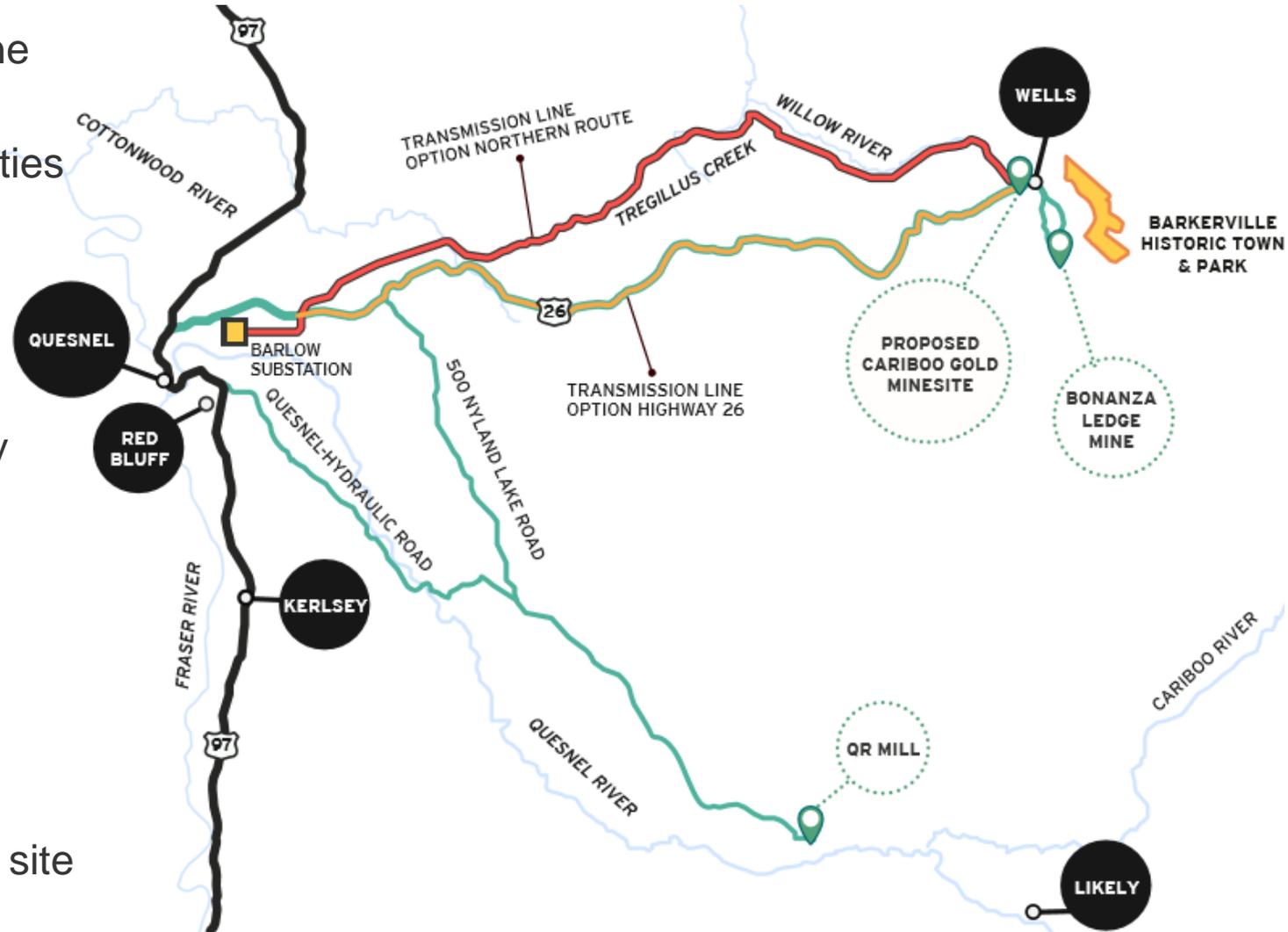
- Upgrades to existing processing facility
- Filtered tailings (dry stack) technology

Transportation

- Use of existing roads
- New highway bypass before Wells

Transmission Line

- 69 kV; from Barlow Substation to mine site



Williams Lake First Nation Traditional Territory and Project Components



Cariboo Gold Project – Sustainable Development

Socio-Economic and Environmental Considerations

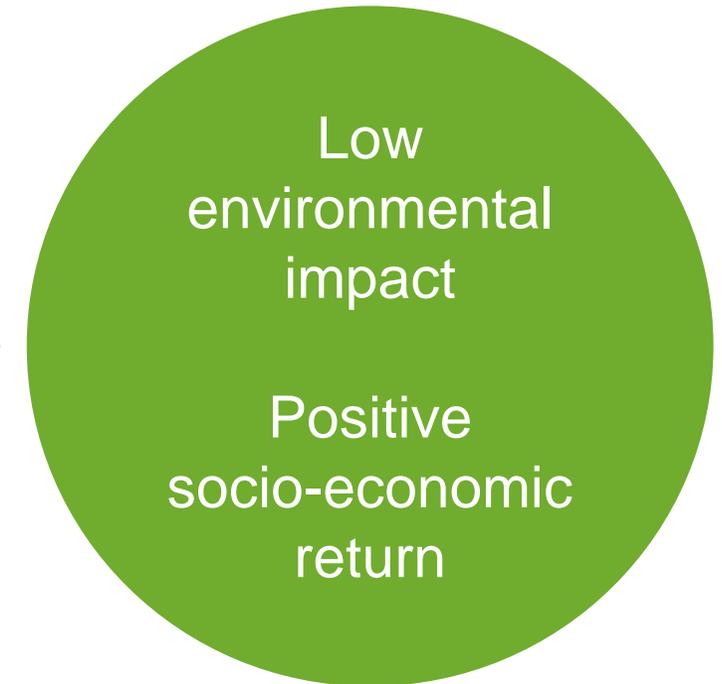
- Baseline and technical studies: 2016 to 2021
- Minimizing impact through design
- Maximizing benefits including employment, economic opportunities, training

Employment

- Construction: +/- 250 jobs
- Operations: +/- 450 jobs

Mine Life

- 2 years construction
- 16 years operation
- 2 years reclamation and closure



Community of Wells and Proposed Mine Site



Barkerville Historic Site

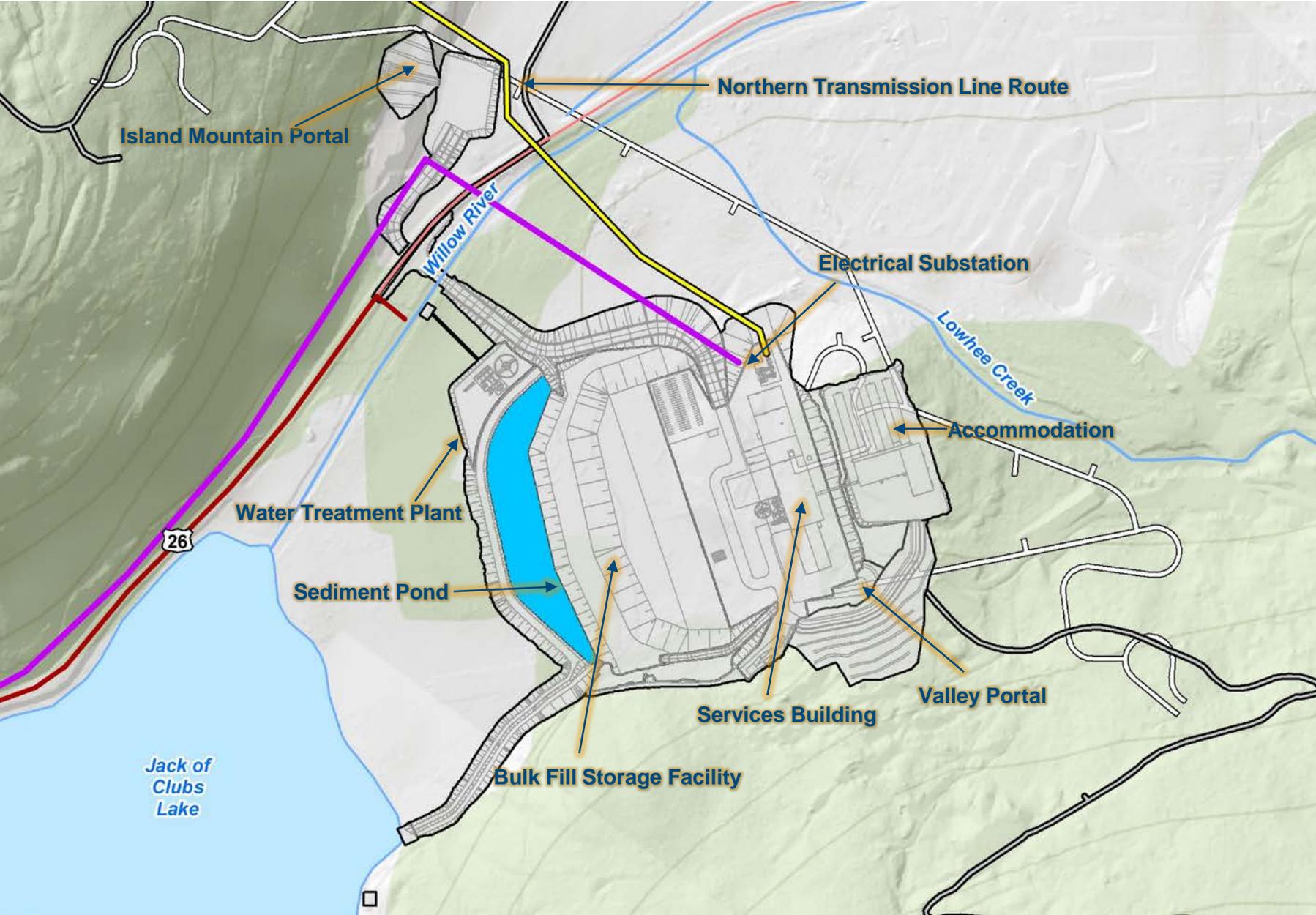
Bonanza Ledge

**Old Cariboo Quartz
Mine Mill and Portal**

Community of Wells

Concentrator

Proposed Cariboo Gold Mine Site



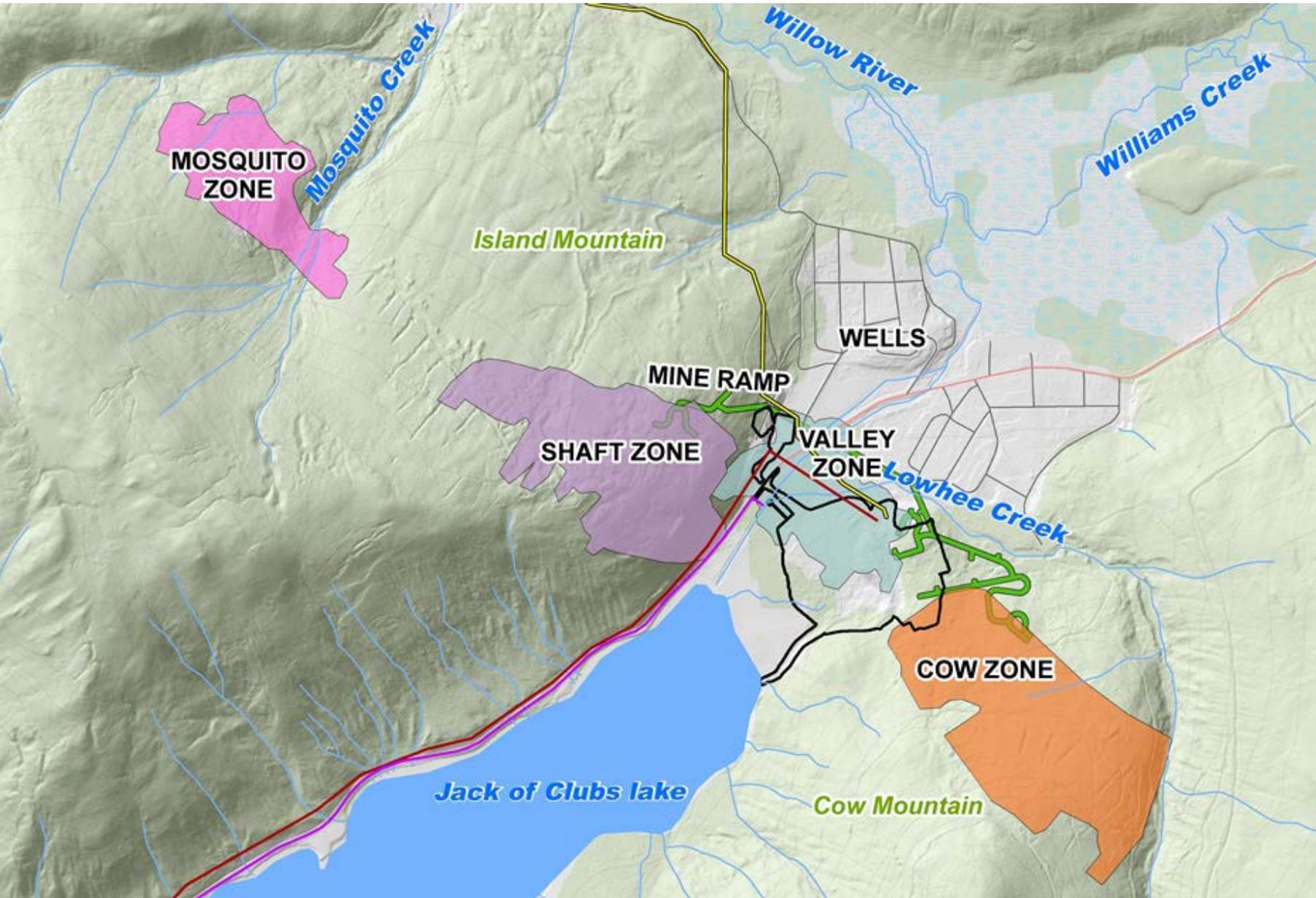
Surface infrastructure

- Proposed layout
- Approximately 19 ha

Key facilities

- Bulk Fill area (waste)
- Services building including concentrator, paste backfill plant, offices, warehouses
- Water management and treatment
- Worker accommodation
- Electrical substation
- Portals
- Transmission line

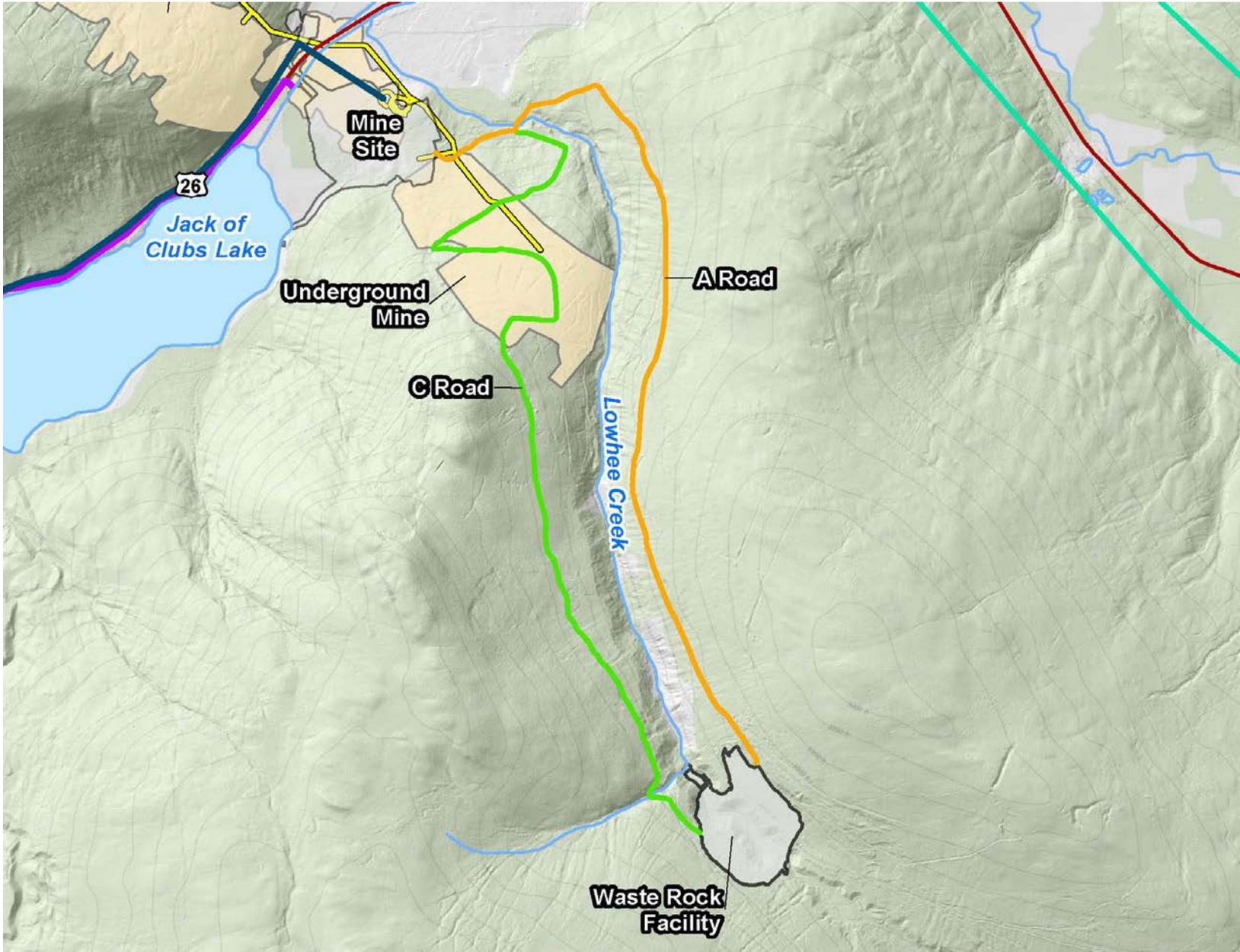
Underground Mine



Cariboo Gold Deposits

- 4 underground deposits projected to surface
- Access between zones via mine ramps

Waste Rock Storage and Transport Options



- Footprint overlaps Bonanza Ledge Mine site (about 18 ha)
- Lined storage facility
- Water management infrastructure

A Road

- For waste rock transport
- New access from mine will be developed to bypass Wells

C Road

- C Road would be maintained for secondary access and other project needs

QR Mill Site

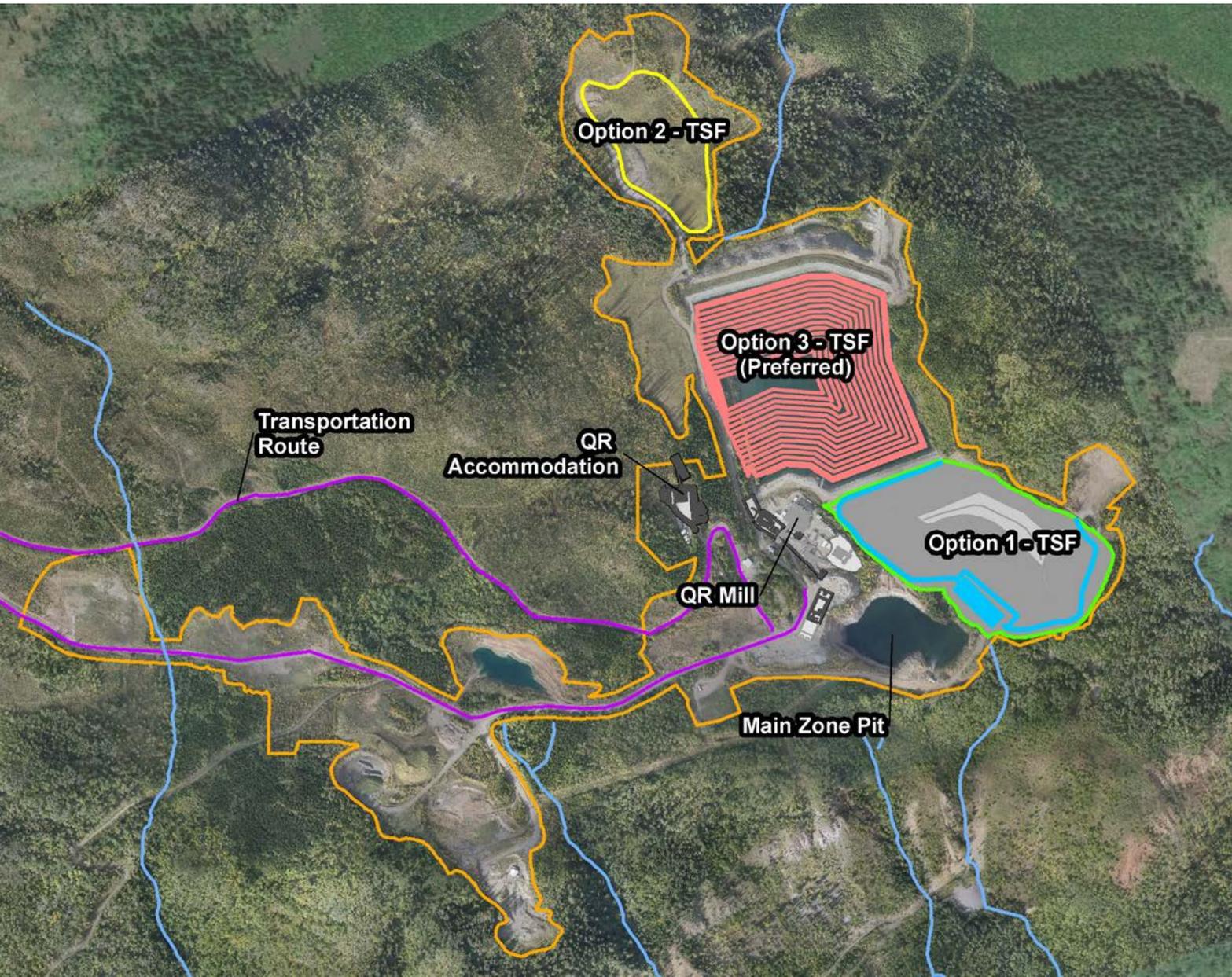


Tailings Pond – Proposed Filtered Tailings Facility Location #3



QR Mill

QR Mill Site



- Mill upgrades, new accommodation, new tailings filtering and thickening plant and new filtered stack tailings storage facility

- Three tailings storage options:

Option 1

- More construction material from a quarry
- Close to permitted edge of property

Option 2

- Provides opportunity to reconfigure surface to prepare for closure

Option 3

- Remediates existing tailings pond
- Reduces number of facilities to be closed
- Everything contained within existing facilities

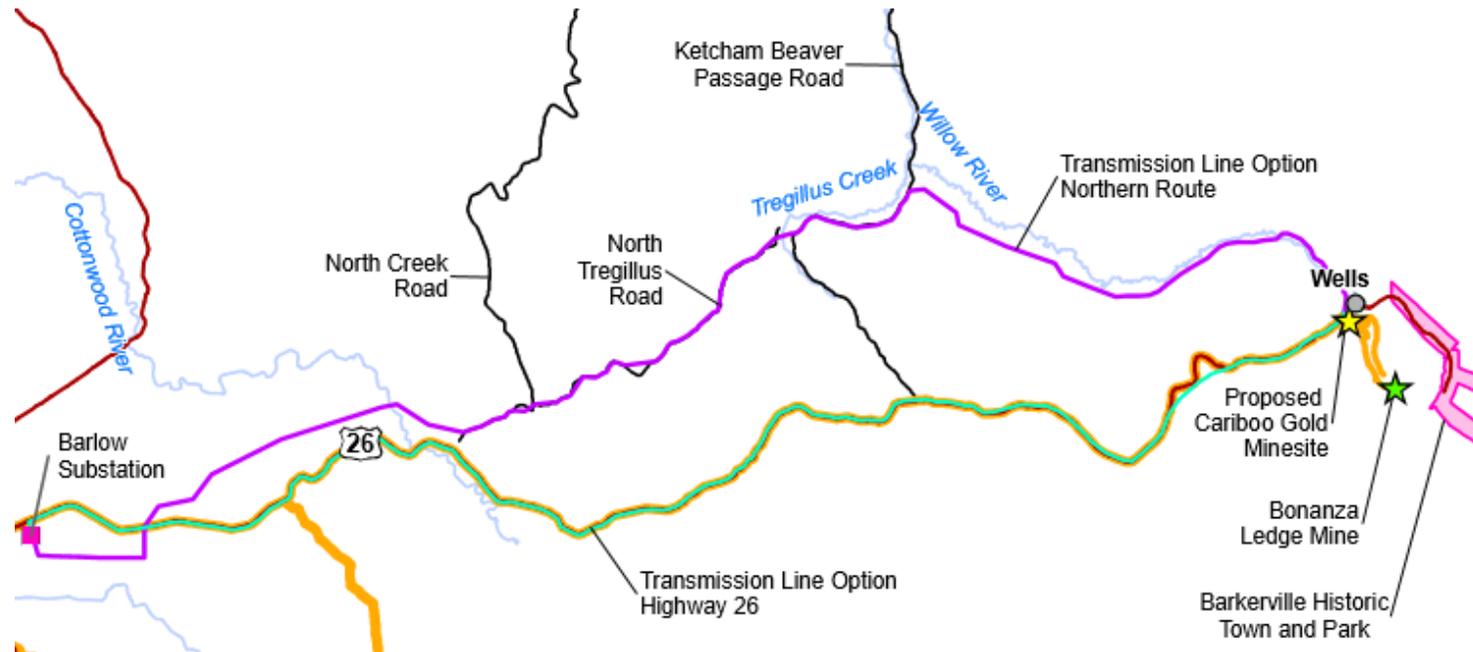
Transportation Routes



Use of existing roads:

- Highway 26, 2700 and 500 Nyland Lake roads for workers, equipment, supplies
- Highway 26 and 500 Nyland Lake Road for concentrate transport from the mine to QR Mill

Transmission Line



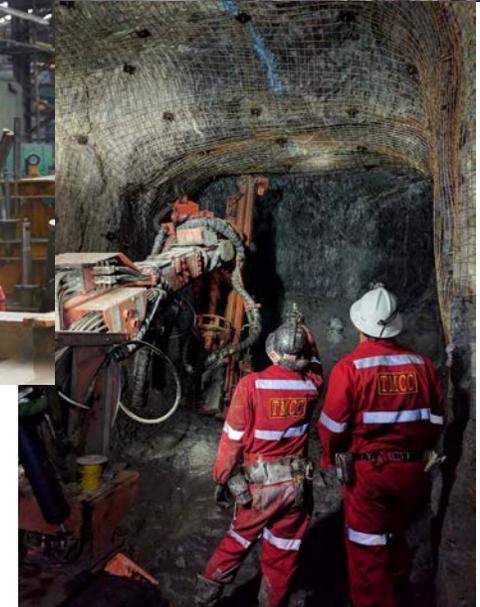
- Northern Transmission Line Route is the preferred route
 - leaves Highway 26 route for BC Hydro to upgrade for area residents and businesses
 - one 69kV line cannot supply the mine and area residents and businesses
 - BGM will continue to work with stakeholders to advocate for improved electricity service for the area
- Northern Transmission Line Route reduces visual effects along Highway 26, affects about 25 properties instead of 77 and provides flexibility in routing to avoid sensitive areas
- Cariboo habitat is intersected by both routes – BGM is working to gather current caribou data

Transmission Line



Employment and Economic Opportunities

- The Project will help us contribute positively to the area by:
 - Providing opportunities for contractors and others during construction
 - Providing well-paying, full-time jobs during operations (all levels)
 - Purchasing goods and services from area businesses and supporting businesses through spending of wages
 - Helping diversify the local and regional economy
 - Replacing jobs lost in other sectors
 - Enabling people to stay in, or move to, local communities
- We know that our success depends on working with our Indigenous partners and local communities to develop projects that strengthen the social, economic and environmental fabric of the area



Project Construction

- Average of 200 and peak of about 250 workers
- BGM will hire a variety of contractors for construction:
 - Contractors generally have a core group of workers and hire locally as required to support their workforce
 - Most construction jobs will not be full-time
- BGM will hire construction managers, engineers, geologists, and environmental, office and support staff
 - Some positions may transition to operations
- On site accommodation will be provided for construction and operations



Operations Employment

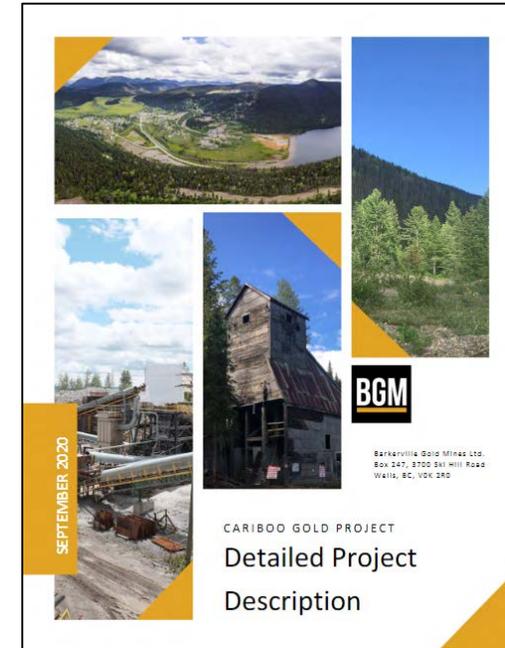
- The Project will create jobs in the skilled trades, professional, technical, environmental, regulatory/permitting, support and administrative fields. Specific requirements will include:

| | | |
|---------------------------|--------------------------|---------------------|
| Heavy equipment operators | Blasters | Purchasers |
| Mechanics | Engineers | Catering/Camp staff |
| Electricians | Managers | Human Resources |
| Miners | Geologists | Warehouse |
| Mill operators | Environmental scientists | Communications |
| Truck drivers | Accountants | Health and Safety |

- Shift schedules:
 - A combination of a 4/3 and 5/2 (days on/days off) will be used for salaried personnel
 - Hourly employees and contract workforce will work 14 days on/14 days off
- Shift schedules will allow people to live throughout the region

Project Progress

- **Project Design**
 - Advancing overall engineering design; confirming project components where options still exist
- **Detailed Project Description**
 - Draft submitted to BC EAO September 16, 2020
 - Updates Initial Project Description
 - Describes how engagement contributed to the proposed project design
- **Application Information Requirements**
 - Under development
 - Considers items important to Interested Parties
 - Identifies Valued Components relevant to the Project
- **Project Studies**
 - Continuing to advance technical and environmental baseline studies



Application Information Requirements Guidelines

VERSION 1.0

APRIL 2020

ISSUED BY:


KEVIN JARDINE, CHIEF EXECUTIVE ASSESSMENT OFFICER
ENVIRONMENTAL ASSESSMENT OFFICE

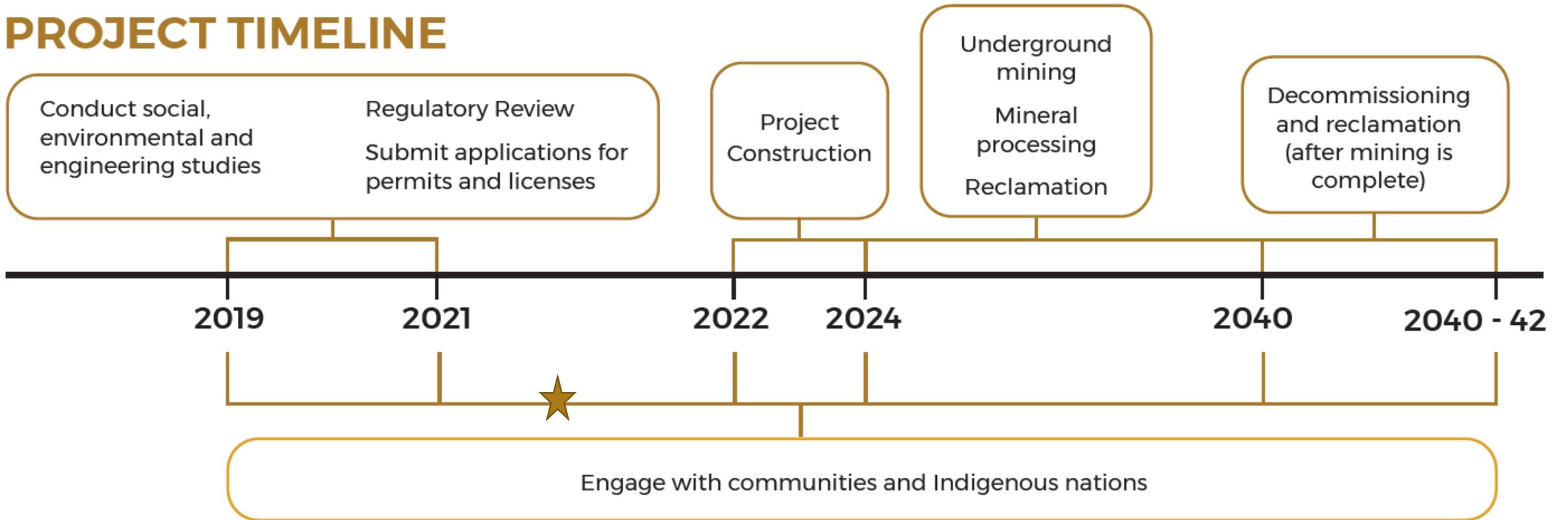
Williams Lake First Nation Next Steps

- Review draft Detailed Project Description
- Provide input to, and review of, baseline studies
- Contribute to effects assessment methodology
- Contribute to effects assessment
- Discuss mitigation and management
- Review Environmental Assessment Certificate Application



Schedule

PROJECT TIMELINE



Planned submission of Environmental Assessment Certificate Application (second quarter 2021)

Discussion

