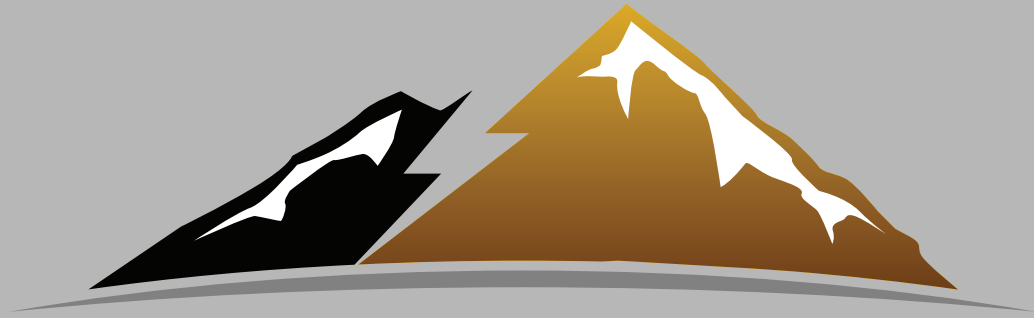


Extracting Placer
Gold Trapped in a
Paleochannel 40
Meters Beneath
Lightning Creek

Exploring For the
Hardrock Source
of the
Placer Gold At
Wingdam

November 2019



OMINECA
MINING AND METALS LTD.

INVESTOR PRESENTATION

TSXV: OMM

ominecaminingandmetals.com



Forward Looking Statements

This presentation is for information purposes only and does not constitute an offer to sell or a solicitation to buy any securities

This presentation includes certain “forward-looking statements” within the meaning of applicable securities legislation. These statements are based on management’s current expectations and are naturally subject to certain uncertainty and changes in circumstances. Actual results may vary materially from the expectations contained herein due to changes in economic, business, competitive and/or regulatory factors. Omineca is under no obligation to (and expressly disclaims any such obligation to) update or alter its forward-looking statements whether as a result of new information, future events or otherwise. The reader is cautioned not to place undue reliance on forward-looking statements.

A qualified person has not done sufficient work to classify the historical estimates contained herein as current mineral resources or mineral reserves, the Company is not treating the historical estimate as current mineral resources or mineral reserves and the historical estimate should not be relied upon.



Who We Are

President & CEO, Director
CFO, Director
Corporate and Business Development
Technical Advisor, Qualified Person
Director
Advisory Board
Advisory Board

Tom MacNeill, CFA, CGA
Andrew Davidson, CA, CPA
Dean Nawata
Dr. Stewart A. Jackson, P.Geo
Sylvain Laberge
John Kiernan, P.Eng
Len Sinclair

Tom MacNeill is founder, president and CEO of **49 North Resources** a resource investment and development company headquartered in Saskatchewan. Along with **Andrew Davidson** and **Dean Nawata**, 49 North has been directly involved at in several successful junior resource projects from inception through exit or buy out such as Athabasca Potash, Prairie Hunter Oil & Gas and Copper Canyon.

It was 49 North that originally funded and brought Saskatchewan based ground freezing technology to Wingdam, then a private company, and under **Len Sinclair's** stewardship, in 2012 successfully recovered 5.4 kilos of placer gold locked under 40 meters of wet overburden beneath Lighting Creek.

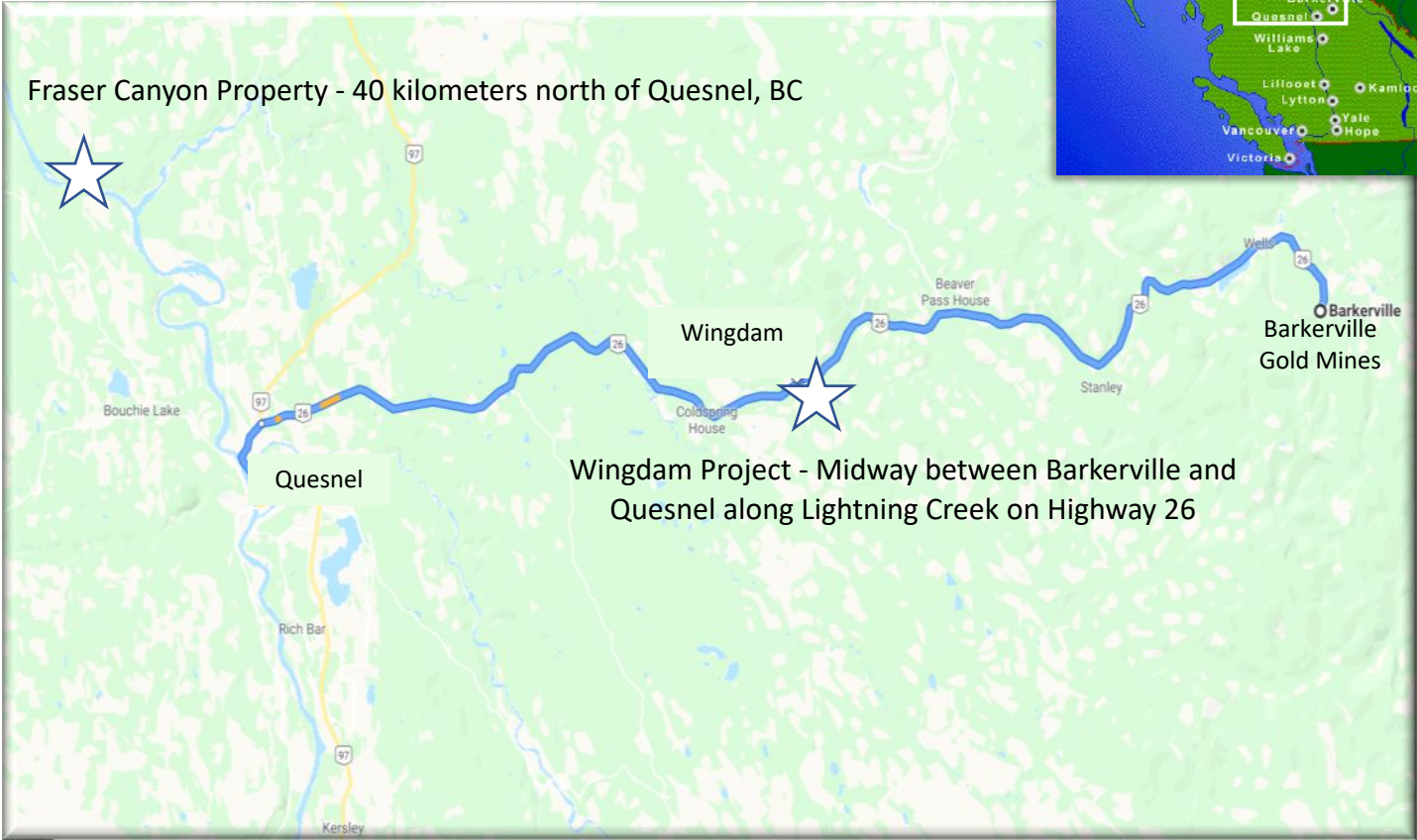
Omineca's partner and mining contractor, **HCC Mining** and Demolition Inc has specialized equipment, decades of diversified, innovative mining techniques and experience including over 10 years of alluvial gold mining operations.



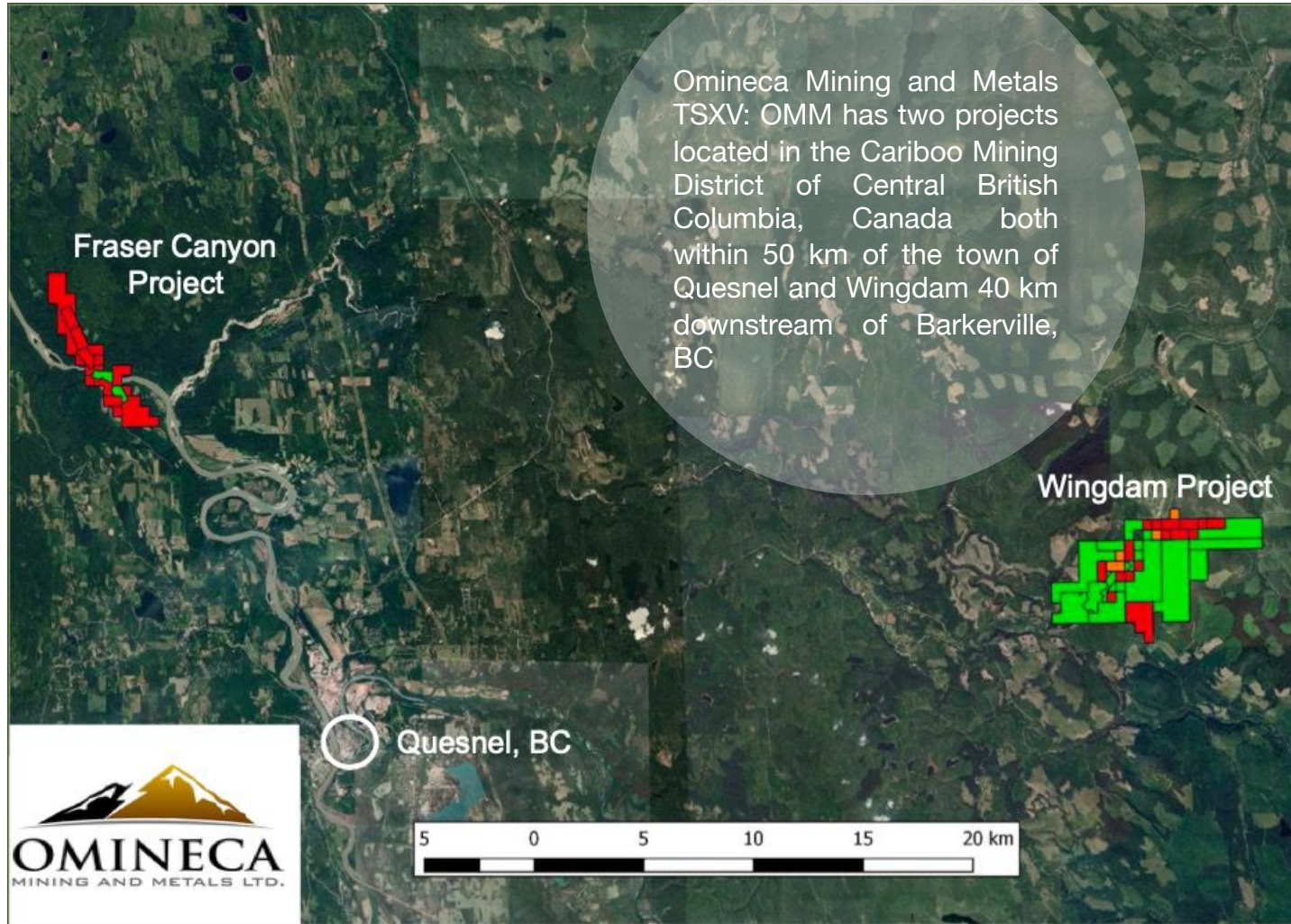
Share Structure

Listing	TSXV: OMM
Shares I/O	84,894,386
Warrants	11,000,000
Options	7,925,000
Fully Diluted	103,819,386
Management and Insiders	~75%

South Central BC, Cariboo Mining District



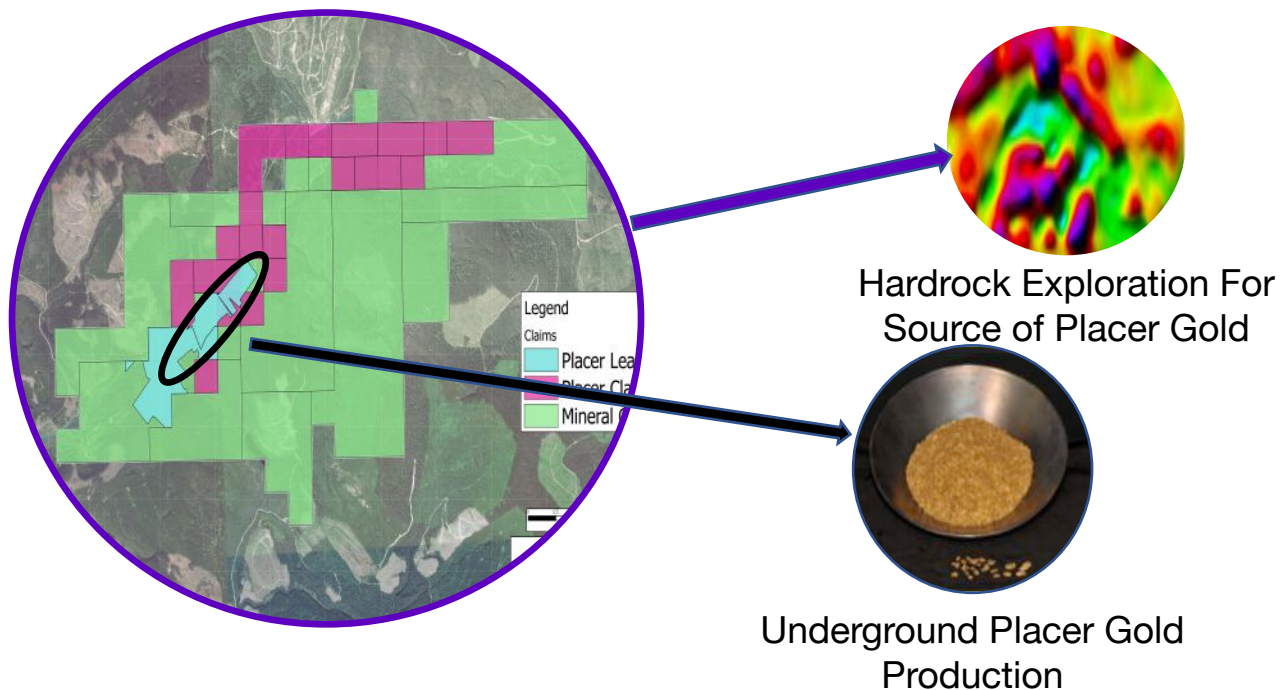
2 Projects in the Cariboo Mining District



Placer Recovery and Hard Rock Gold Exploration

Both of the Wingdam and Fraser Canyon Projects have two distinct yet related programs:

- An underground alluvial gold recovery program underway at Wingdam and exploration for additional potentially gold-bearing paleochannels at Fraser Canyon.
- An exploration program for potential hard rock gold mineralization and/or potential sources for the placer gold found in the area.

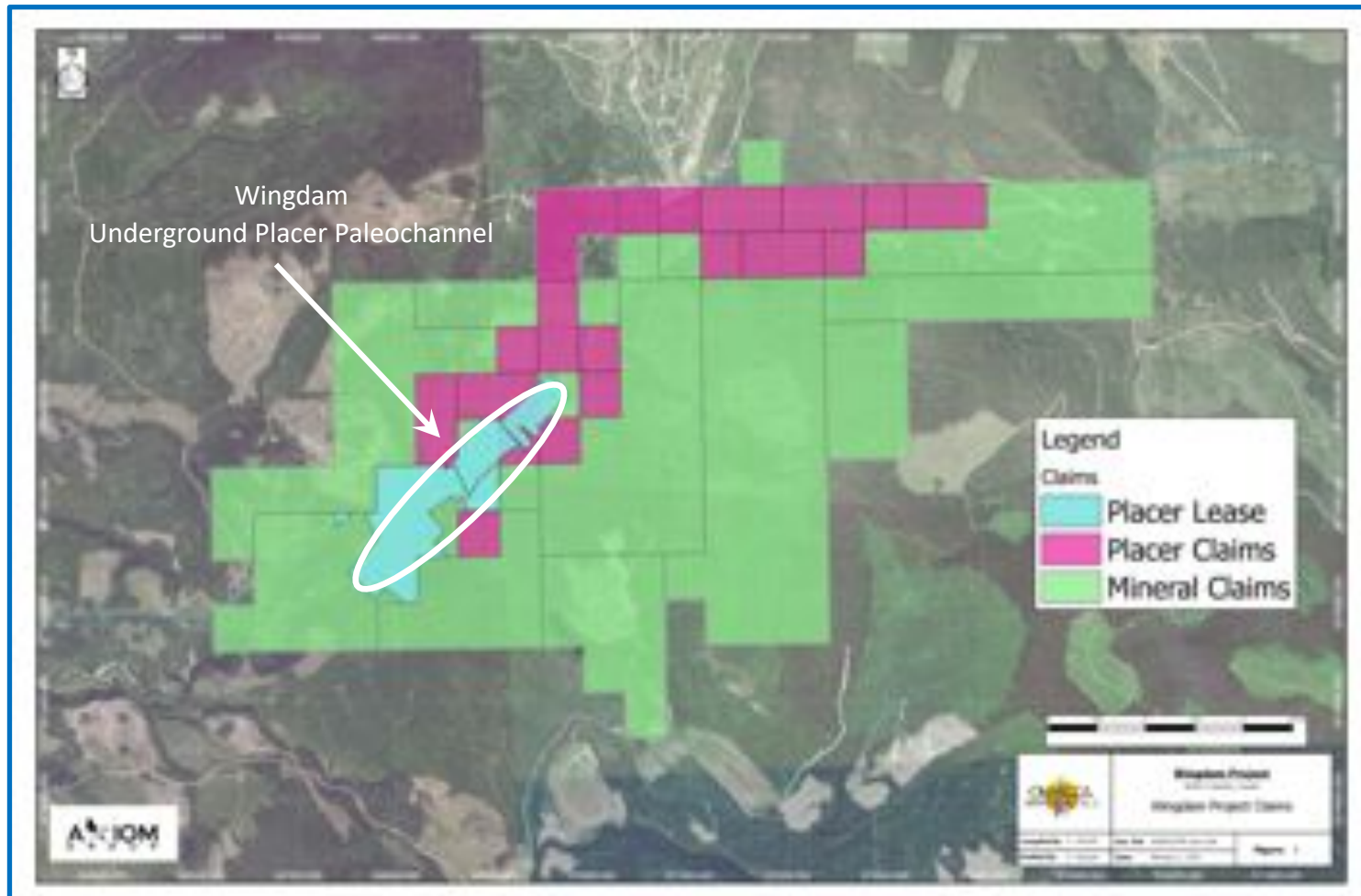




Flagship Project – Wingdam

**1,328 hectares
Placer Claims/Leases**

**3,614 hectares
Mineral Claims**





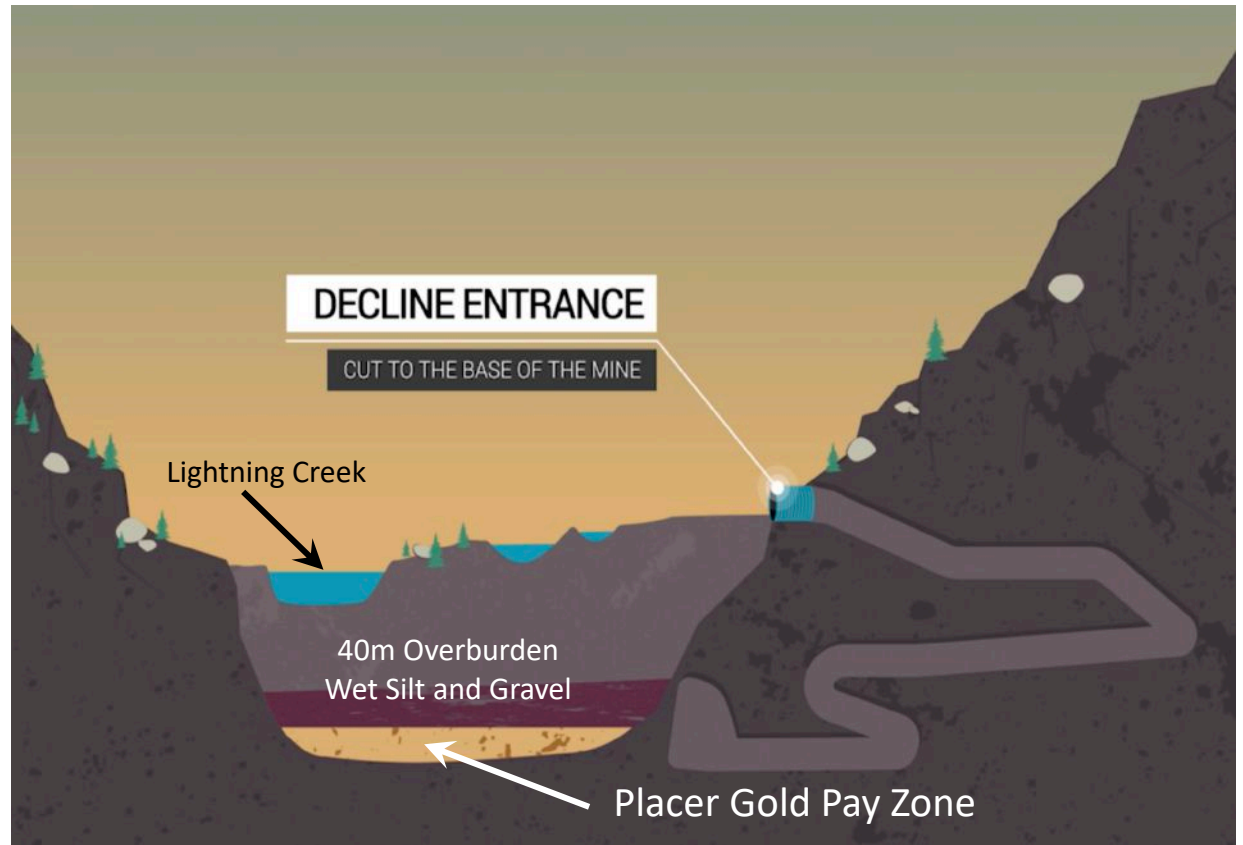
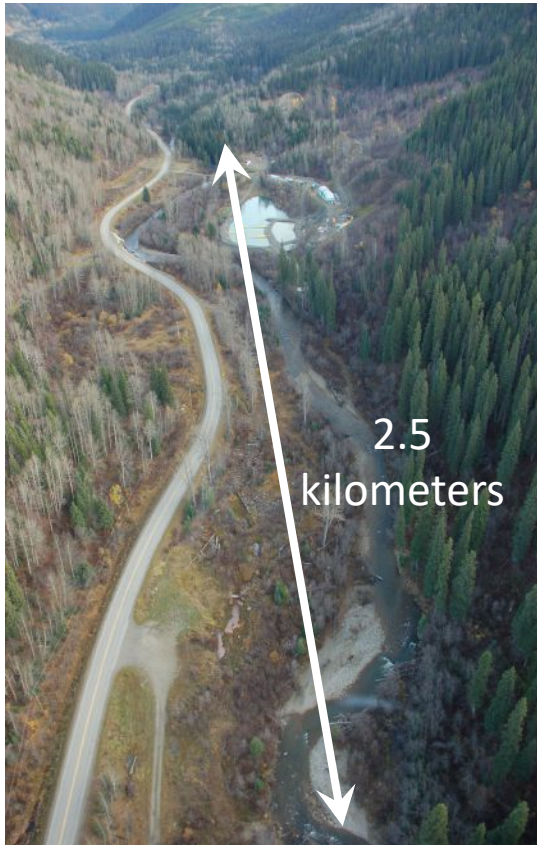
Why Produce Gold in Canada?



Gold in Canadian \$
CAD \$1933/oz

OMM Cost
CAD \$850/oz

2.5 km of Buried Gold-bearing Paleochannel



Recovering Alluvial Gold Underground



2.4 Km Channel Underneath
Lightning Creek



Dewater Existing Decline



If Necessary Freezing Any
Unstable Ground Above Crosscut



5.4 Kilos Placer Gold
Recovered in 2012



Crosscut Material Processed by
Water Wash Plant Underground



2012 Bulk Sample

From a single 2.44 meter wide crosscut of 2.4 kilometers of the paleochannel:

- 173.5 ounces (5.4 kilograms) of raw placer gold was extracted
- 0.438 oz/t (13.63 g/t) gold across entire 23.5m drift
- 0.652 oz/t (20.28 g/t) gold across central portion (14.8m)
- Recovery was more than 99% efficient

*bulk sample 2012





2019/20 Work Flow Wingdam Underground

Past

- ✓ Proof of concept 2012 bulk sample yielded 5.4 kilos (174 oz) of placer gold from a single, 2.4m wide underground crosscut across the 2.4 kilometer paleochannel

2019

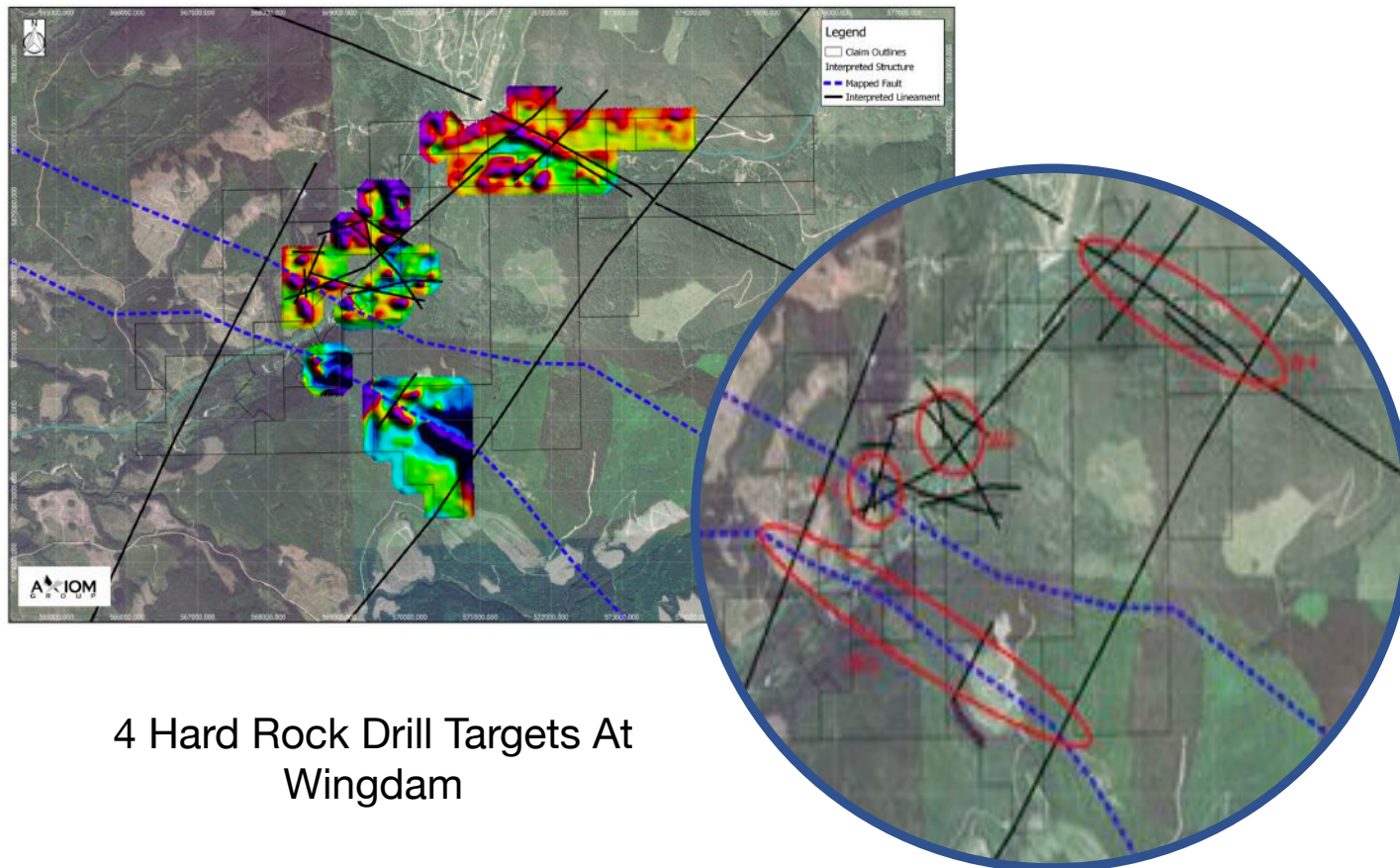
- ✓ JV agreement executed 2019 funding all prep work to begin bulk sample extraction.
- ✓ Fixed-cost (CAD \$850/oz produced) mining contract signed for larger-scale bulk sample
- ✓ Grout plug placed and tested to accelerate dewatering of mine workings and mining zones – reducing the need for ground freezing
- ✓ Dewatering underway

2020 - 23

- Ground freezing operations for any unstable ground left after dewatering
- Phase 1 mining operations for bulk sample over first 300m of paleochannel
- Gold extracted with water wash plant and trommel from gravels as they are taken from each crosscut
- Barren gravels returned to crosscuts as backfill
- Next phases – repeat over full 2.4 km of paleochannel

Exploring for Hardrock Source of Placer Gold

UAV-MAG survey completed in August, 2018, focused on identifying bedrock-hosted gold targets as potential sources for placer gold historically found on these properties. Several northwest-striking faults where they intersect northeast-trending faults were identified. This structural pattern is indicative of Riedel-style strike-slip deformation that would produce subvertical ore chutes, similar to structural controls of gold hosted at Barkerville Gold Mines (Osisko Gold Royalties).

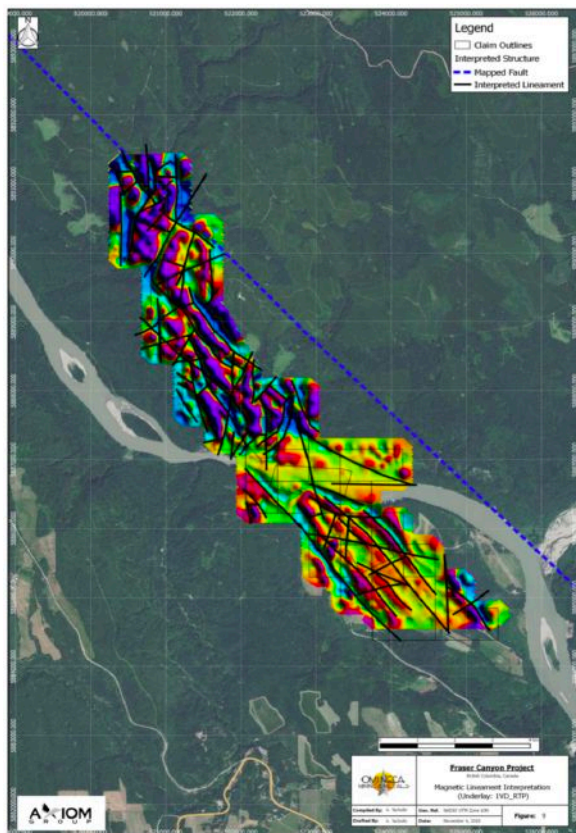


4 Hard Rock Drill Targets At Wingdam

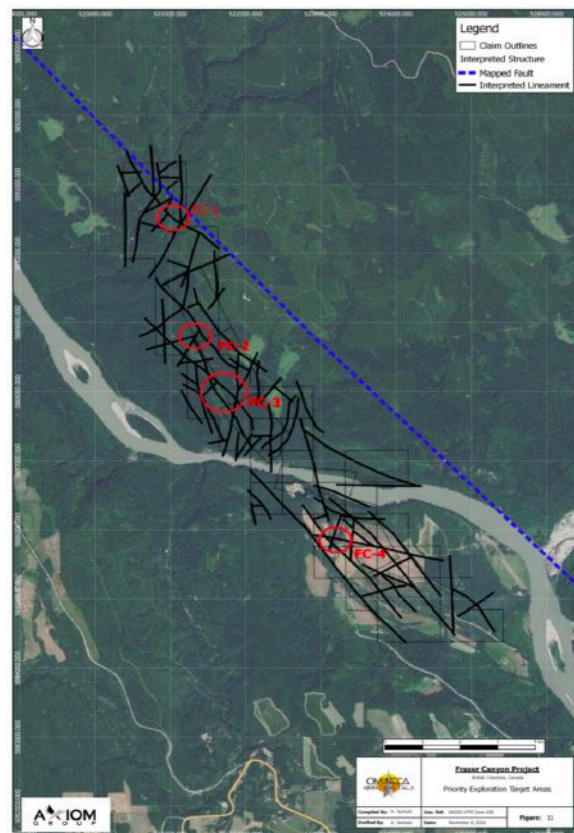


Fraser Canyon Property

The Fraser Canyon property has a long history of placer mining dating back to the gold rush of the late 1800s. The exploration programs have identified several prospective underground placer gold paleochannels as well as hard rock gold targets displaying similar Riedel-style slip faults identified at Wingdam and analogous to Barkerville Gold Mines' Cariboo project.



Several Potential Underground Placer Paleochannels Identified



4 Hard Rock Drill Targets Also Identified At Fraser Canyon



2019/20 Hard Rock Exploration Plans

2018/19

- ✓ Mag completed over Wingdam and Fraser Canyon hard rock and placer claims
- ✓ 8 hard rock drill targets identified – 4 at Wingdam, 4 at Fraser Canyon
- ✓ Additional potential underground paleochannels identified at Fraser Canyon property

2020

- Ground sampling and mapping over hard rock target areas
- Conduct VTEM over identified target areas to identify individual drill targets
- Exploration drilling programs
- Hard rock targets at Wingdam and Fraser Canyon
- Drill targets at Fraser Canyon to confirm additional occurrences of paleochannels and potential placer mineralization