

TSXV: OMM



Placer Gold Recovery **Update**
At Wingdam

March 2023



Forward Looking Statements

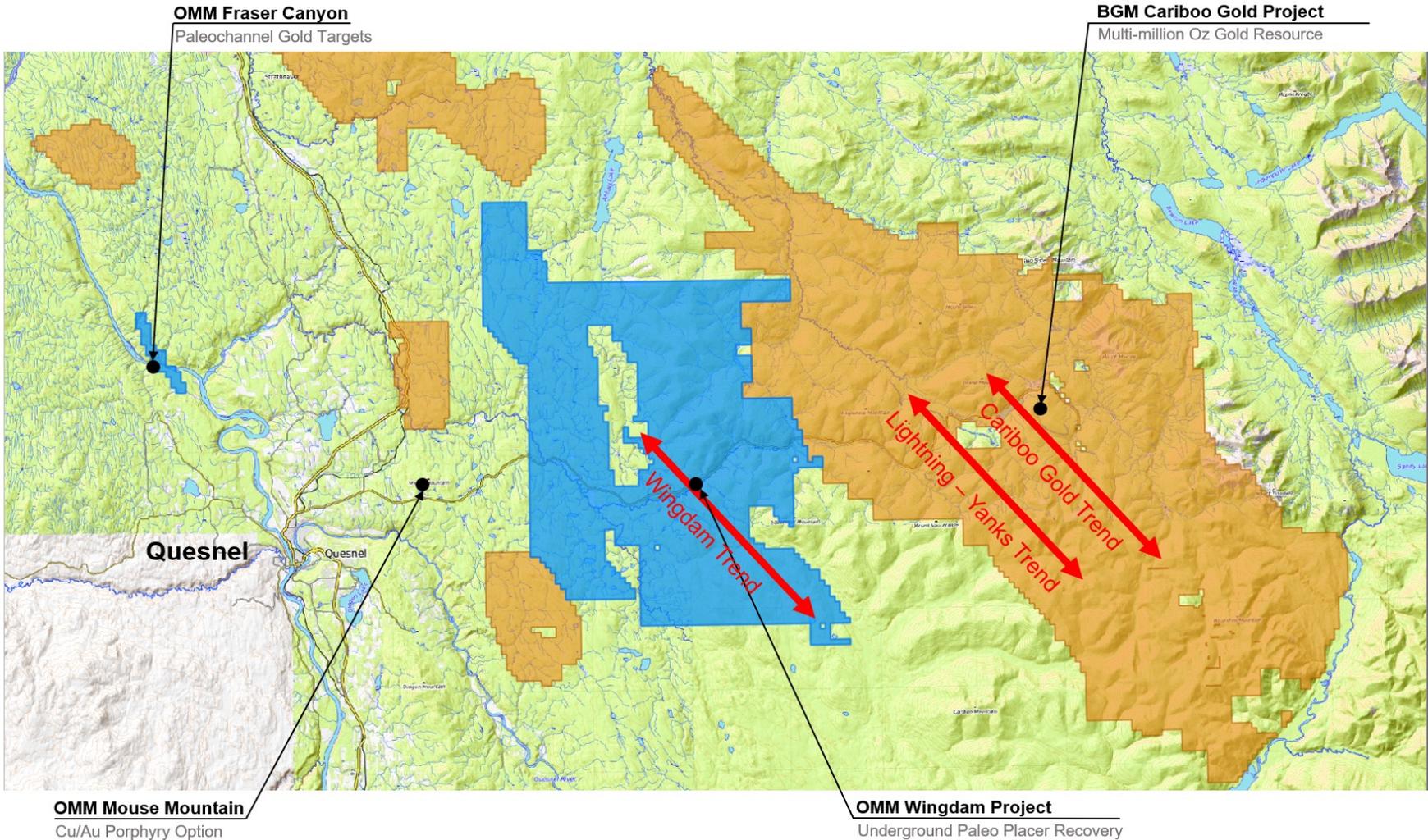
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This presentation includes certain “forward-looking statements” within the meaning of applicable securities legislation. These statements are based on management’s current expectations and are naturally subject to certain uncertainty and changes in circumstances. Actual results may vary materially from the expectations contained herein due to changes in economic, business, competitive and/or regulatory factors. Omineca Mining and Metals Ltd. (“Omineca” or the “Company”) 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.

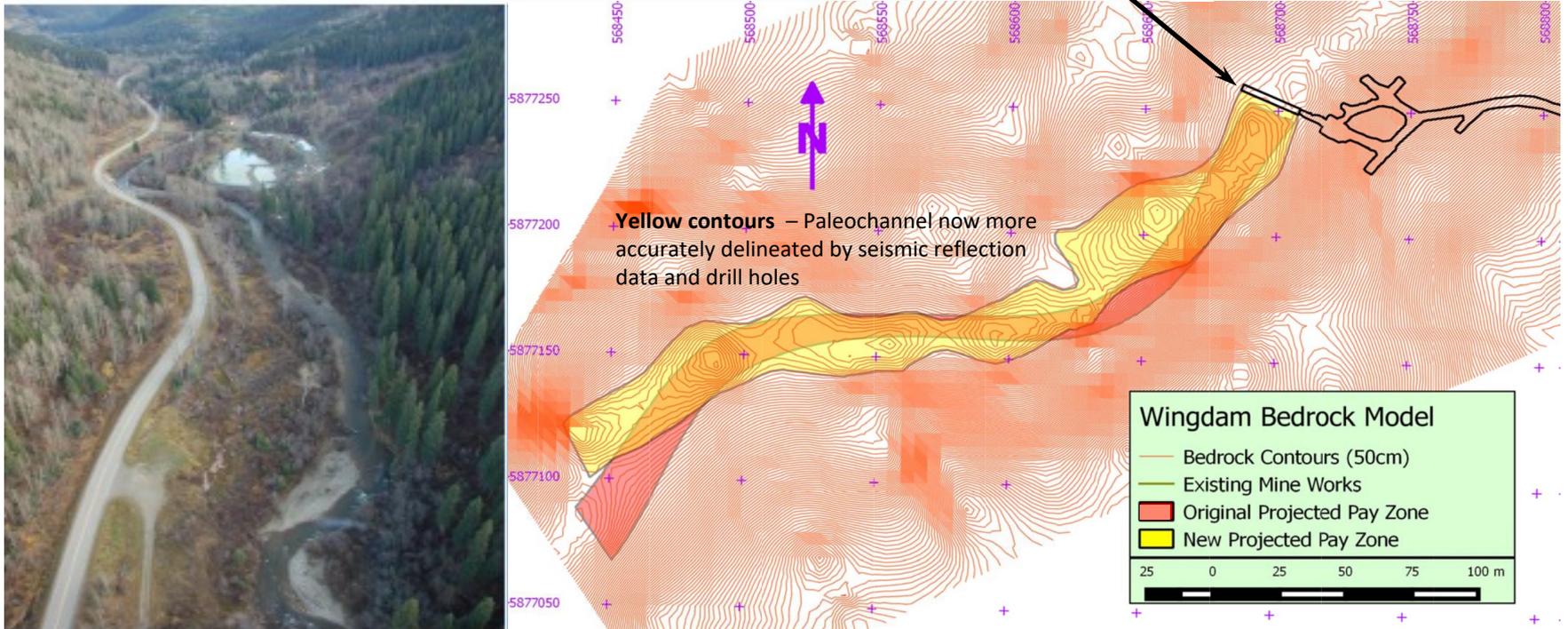
A qualified person has not done sufficient work to classify the historical estimates contained herein as current mineral resources or mineral reserves, the Company is not treating the historical estimate as current mineral resources or mineral reserves and the historical estimate should not be relied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

Synopsis

Wingdam Gold Exploration & Placer Recovery



2012 Bulk Sample recovered 5.4 Kilos (173.5 ounces)
From a single 2.4m wide, 23.4m long crosscut drift

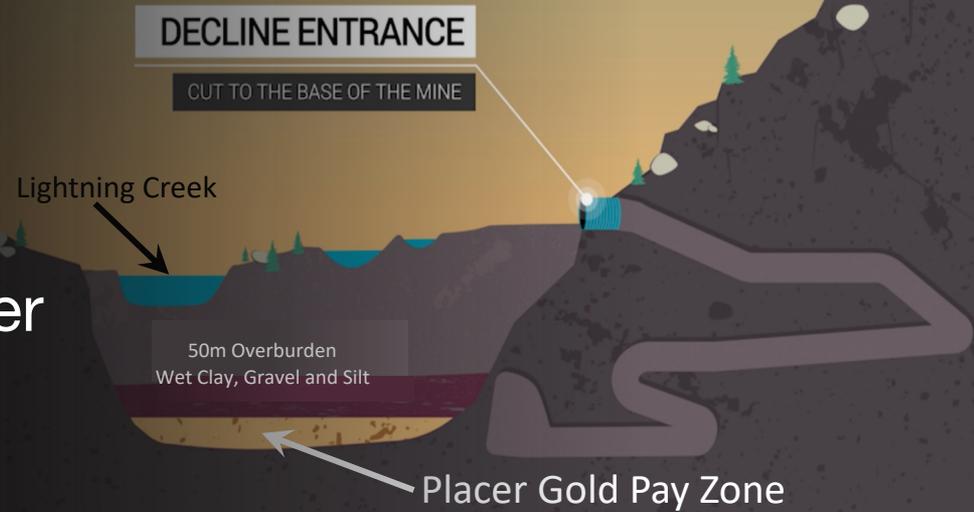


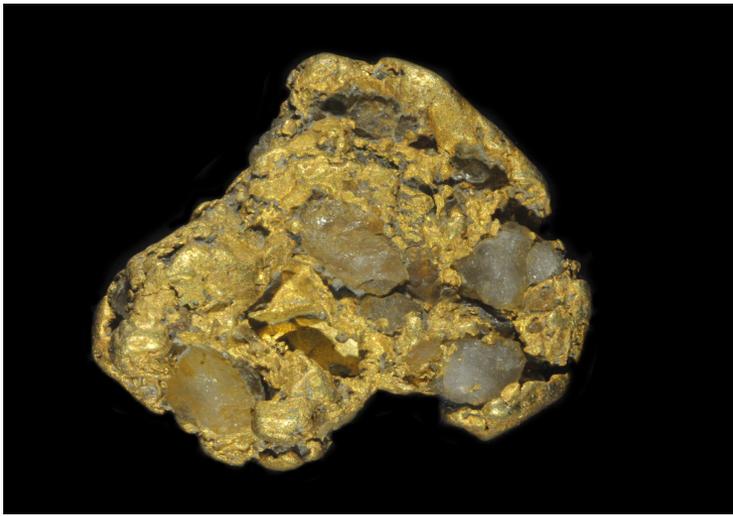
The First 300 Meters

of ~17km of Potential Paleochannel
(for scale, 2.4m wide X 125 = 300m)

OUR PAST

Using Innovation to Recover
Rich Placer Gold Trapped
Below Lightning Creek





5.4kg (173.4 oz) of Placer Gold Recovered from
Single Crosscut 2012

2023

We are back underground



Wingdam Underground Recently Recovered Gold Samples



Drifting

Using Mechanical Mining and Drill and Blast



Wingdam Underground Drifting with Road Header



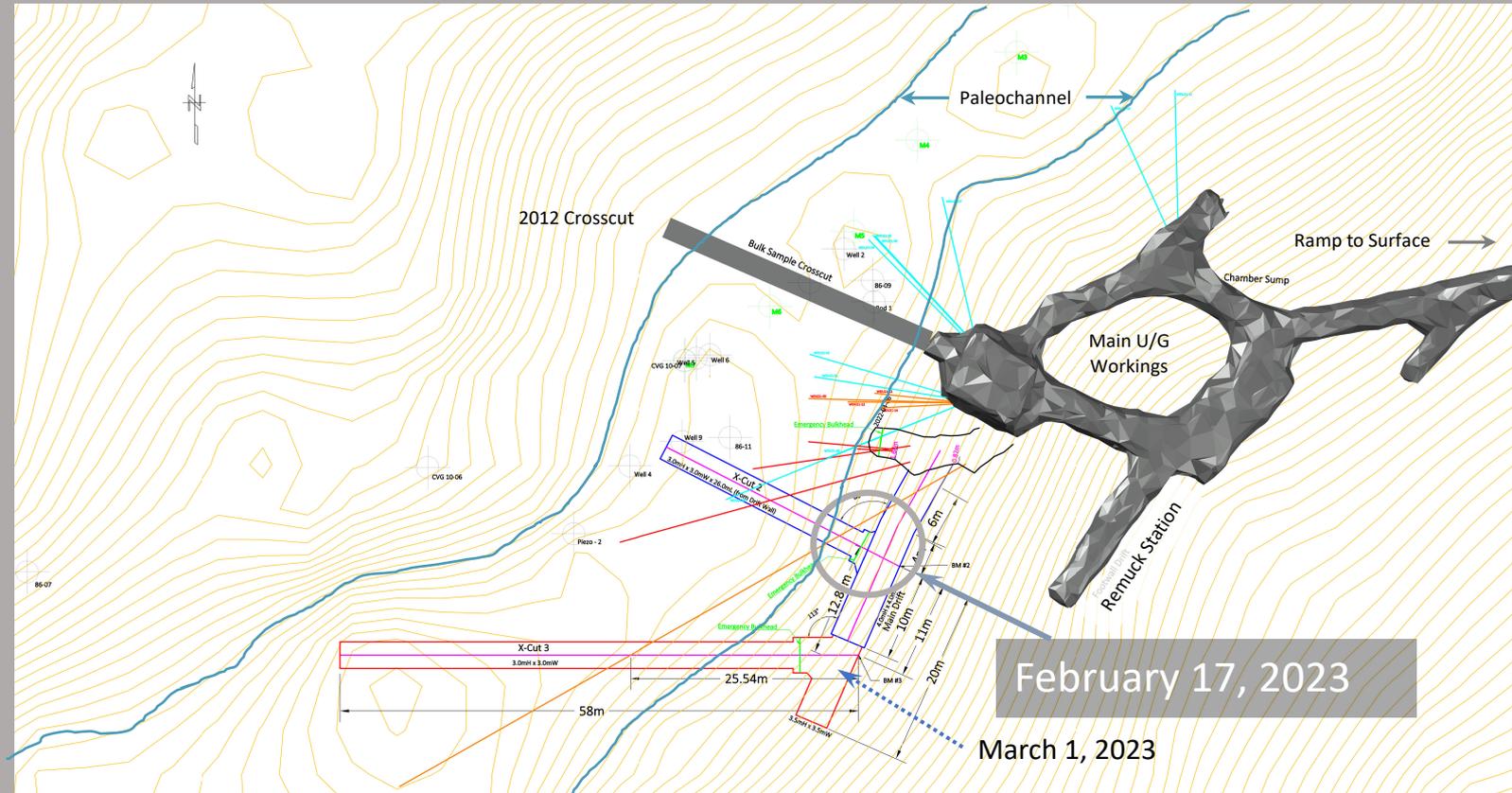
Roadheader

Footwall drifting and 1st Crosscut Heading



2nd Crosscut Heading

Initial Breakthrough into Paleochannel



- Multiple headings for crosscuts going across channel - recover placer gold
- Further mine gravels up/downstream between crosscuts – recover placer gold
- Headings ~10 meters apart

Scale

20m

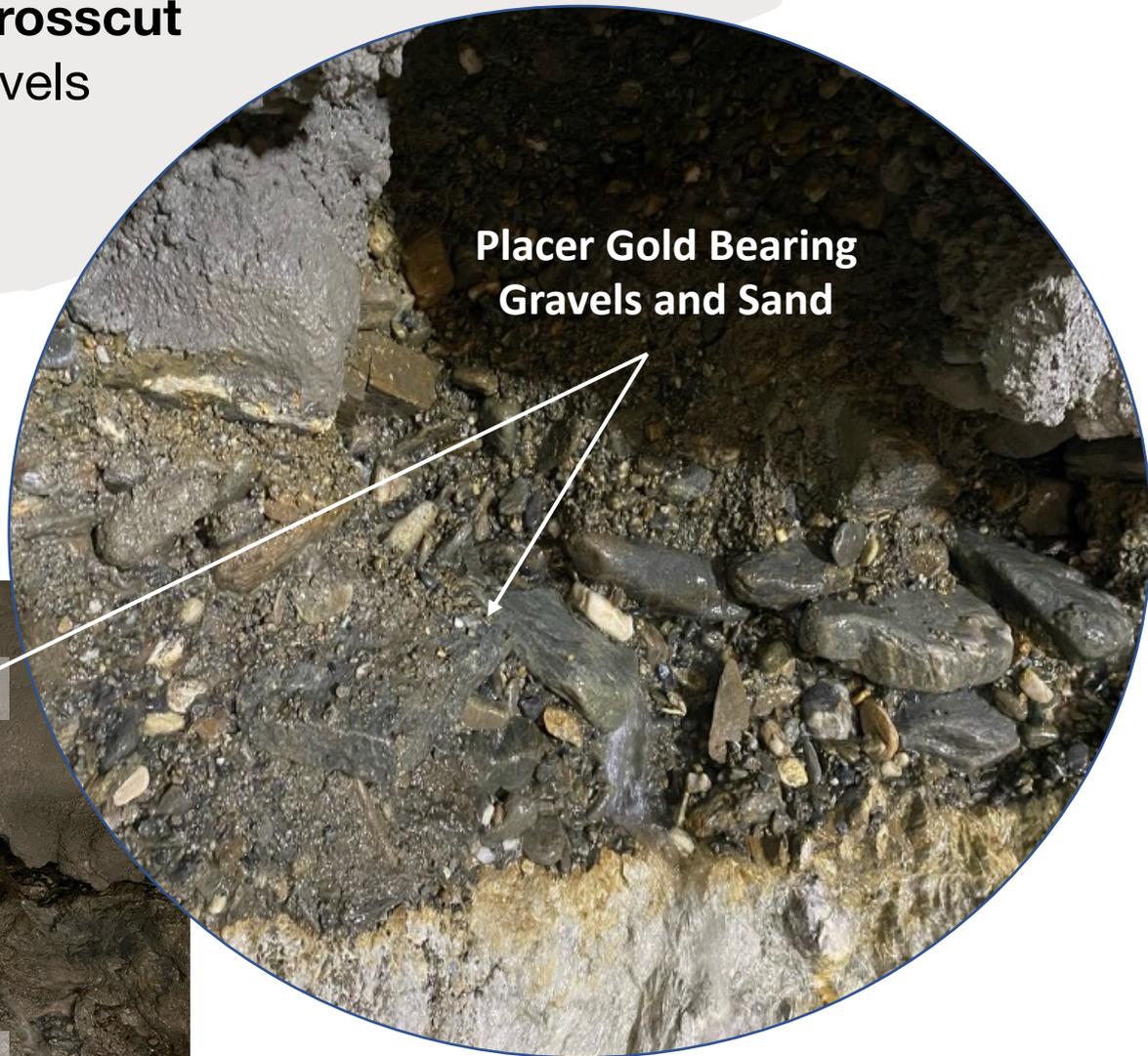


2nd Crosscut Heading

Through Bedrock and
Breakthrough into Paleochannel



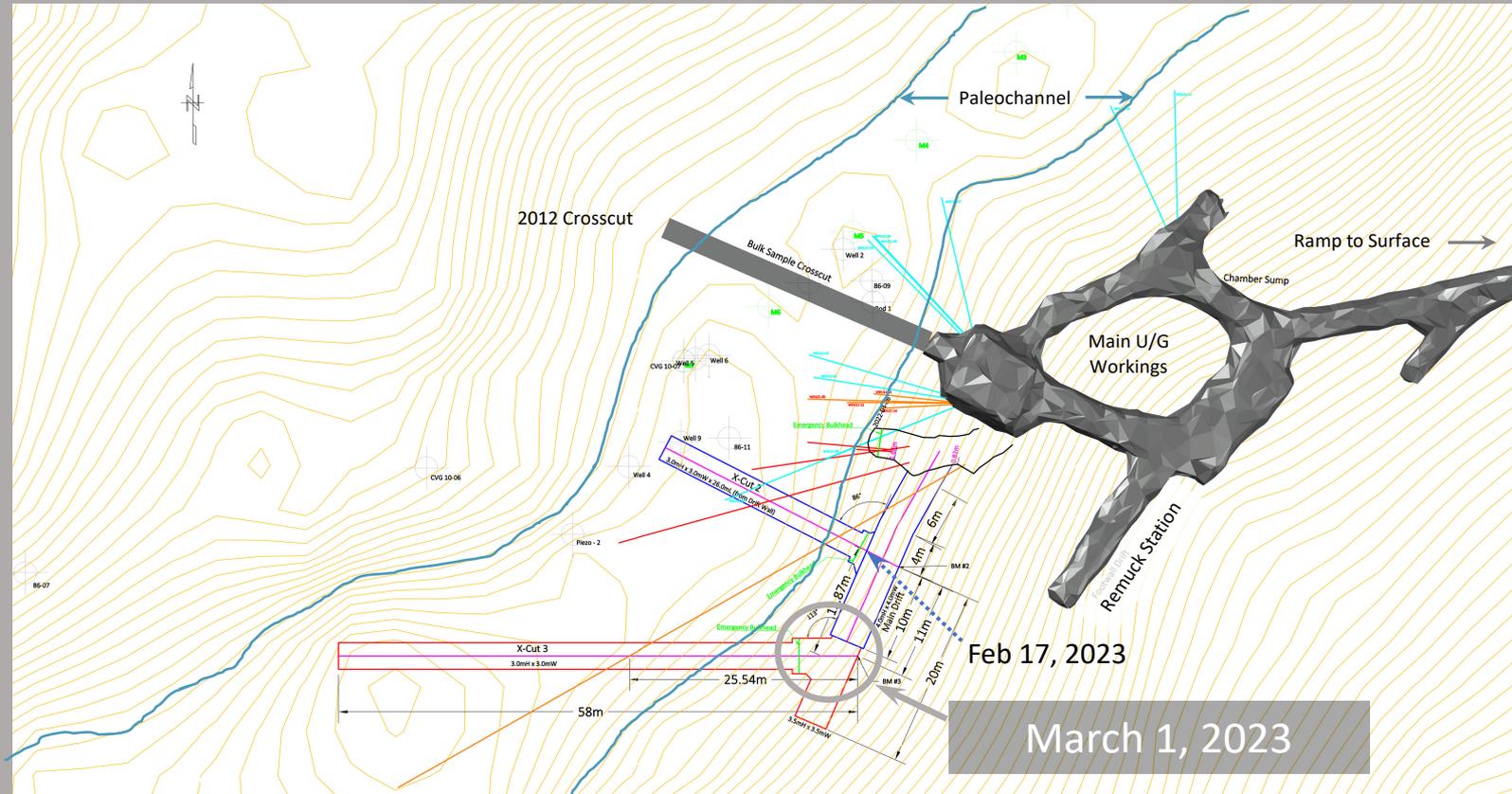
A Closer View of the 2nd Crosscut Gold Bearing Sand and Gravels



February 17, 2023

3rd Crosscut Heading

10 Meters Downstream of 2nd Crosscut



- Multiple headings for crosscuts going across channel - recover placer gold
- Further mine gravels up/downstream between crosscuts – recover placer gold
- Headings ~10 meters apart

Scale

20m



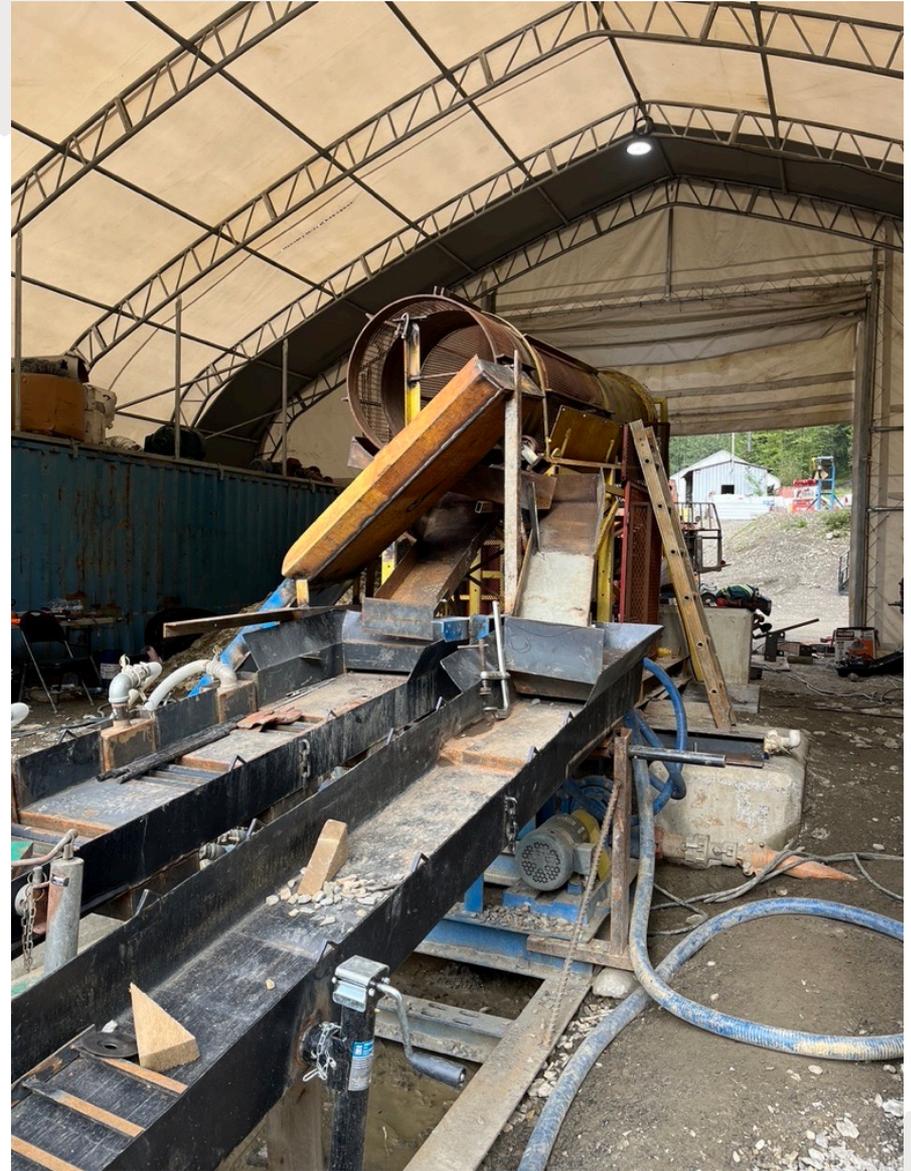
Extended Access & Haulage Drift

3rd Crosscut Heading Blocked Out in White on Right

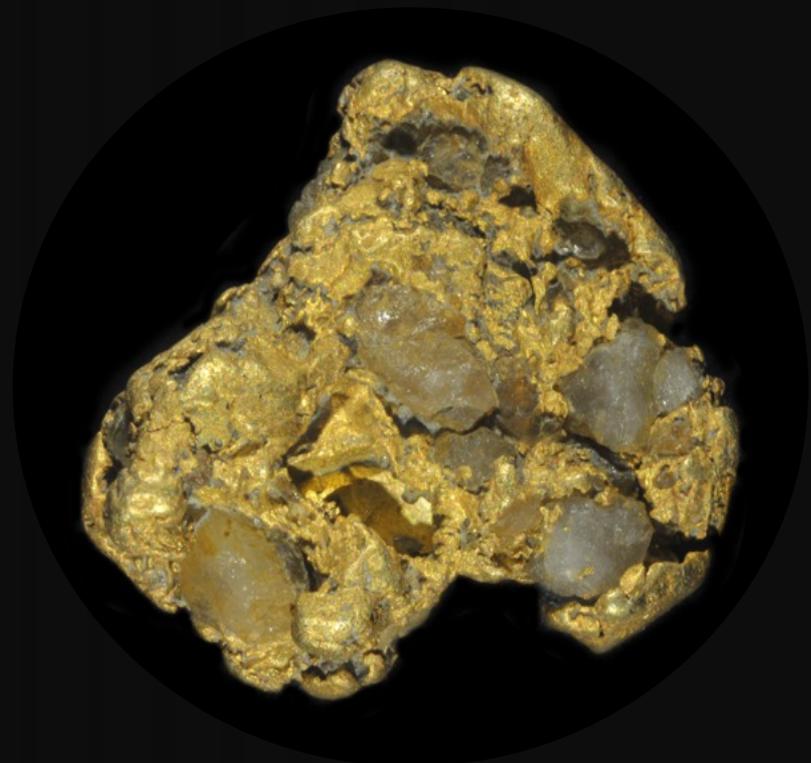


March 1st, 2023

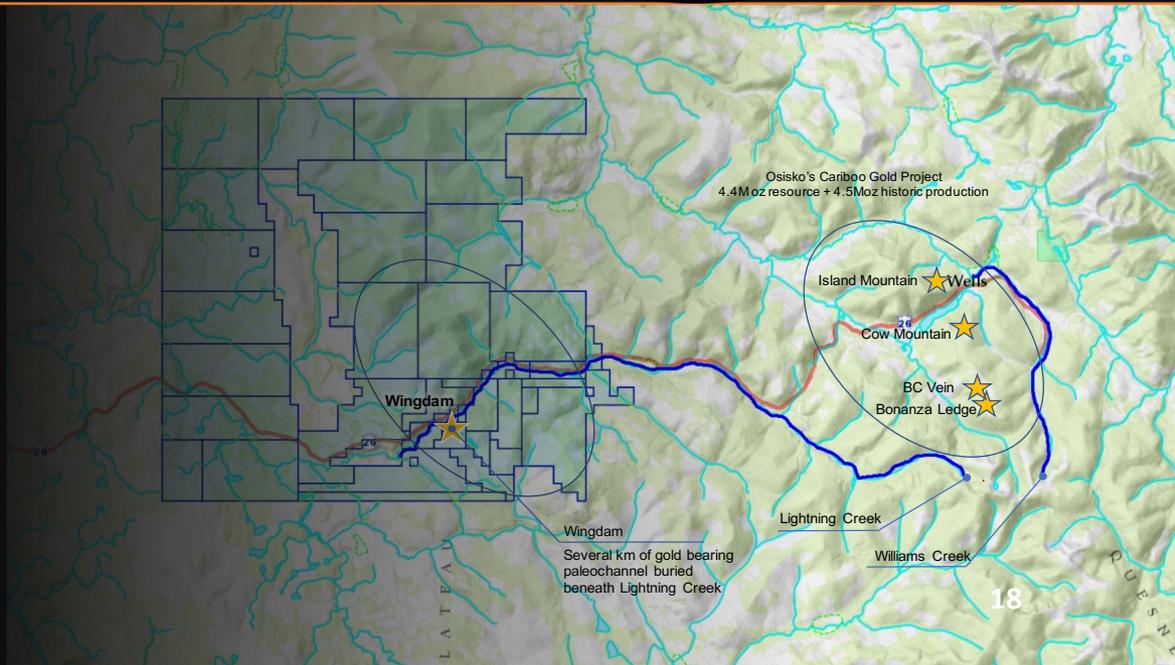
Wingdam Wash Plant



Where Did This Rich Placer Gold Beneath Lightning Creek Come From?



Is it Analogous to Barkerville and Williams Creek?





Share and Capital Structure

Listing	TSXV: OMM
Shares I/O	136.6 million
Warrants	25.4 million
Options	13.1 million
Fully Diluted	175.1 million
Management and Insiders	~42.4%

- Expanded exploration program for 2022
- Underground Paleoplacer Program (CapEx and Startup Separately Funded)