

June 2025



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**ENGINEER GOLD
MINES LTD.**



CAUTIONARY NOTES REGARDING FORWARD LOOKING STATEMENTS

This presentation does not constitute an offer to sell or solicitation of an offer to buy securities of Engineer Gold Mines Ltd. Mr. Scott Dorion, P.Geo., a Qualified Person as defined by National Instrument 43-101, has read and approved the disclosure of the technical data herein.

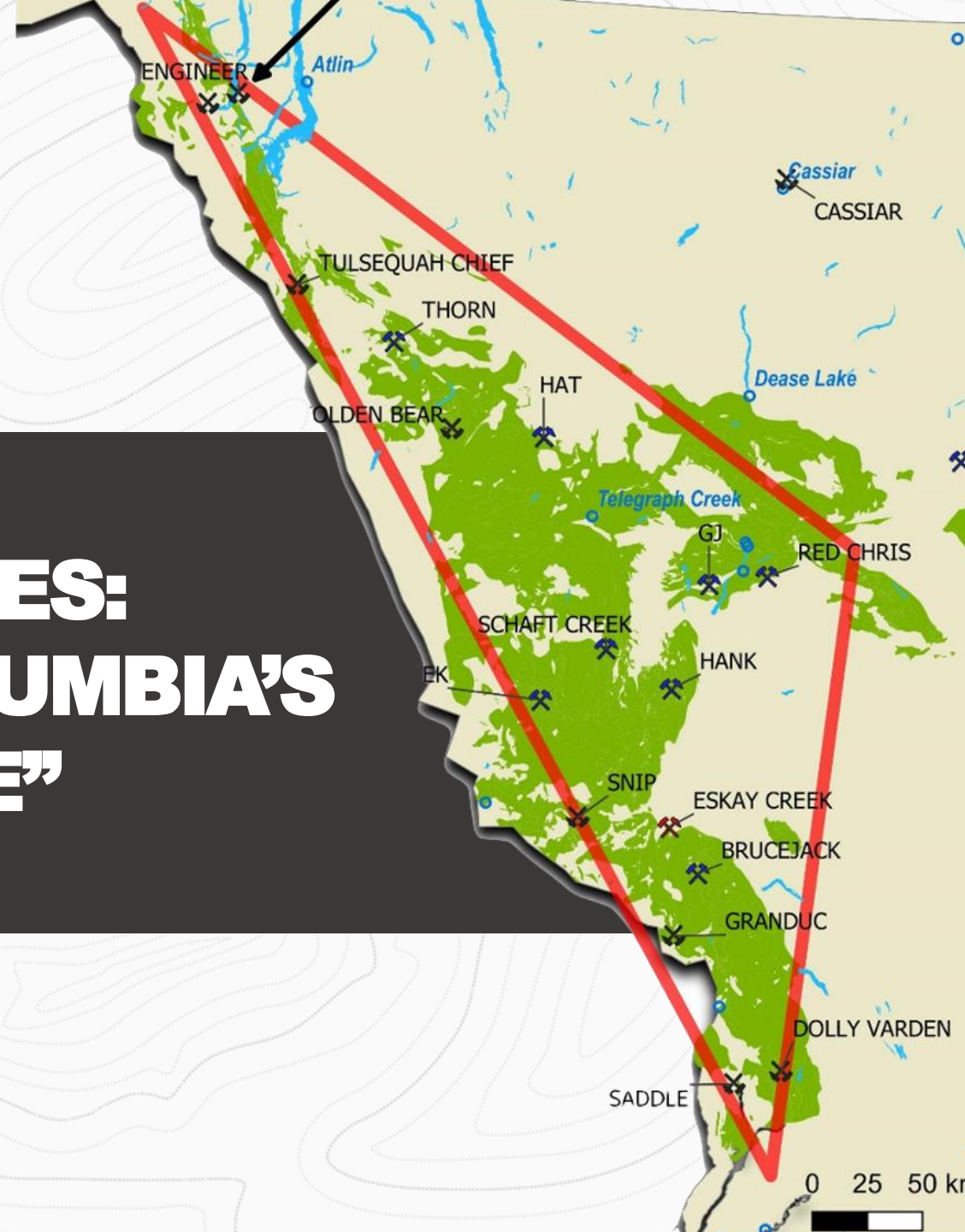
FORWARD LOOKING STATEMENTS

This presentation contains "forward-looking statements". These forward-looking statements are made as of the date of this presentation and Engineer Gold Mines Ltd. does not intend, and does not assume any obligation to update these forward-looking statements.

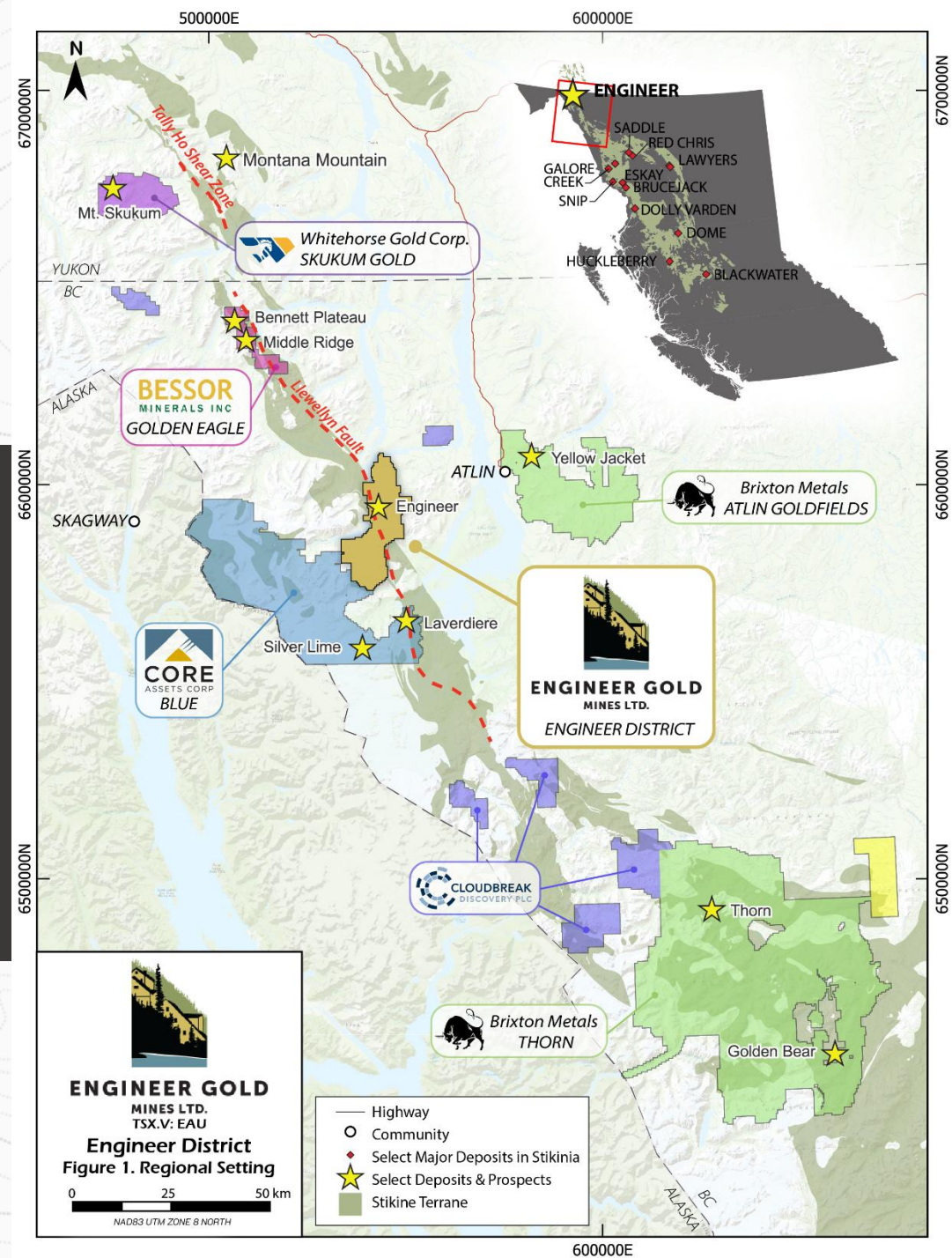
Forward-looking statements include, but are not limited to statements with respect to the timing and amount of estimated future exploration, success of exploration activities, expenditures, permitting, and requirements for additional capital and access to data.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the company to be materially different from any future results, performance, achievements expressed or implied by the forward-looking statements. Such factors include, among others, risks related to actual results of current exploration activities; changes in project parameters as plans continue to be refined; the ability to enter into joint ventures or to acquire or dispose of property interests; future prices of mineral resources; accidents, labor disputes and other risks of the mining industry; ability to obtain financing; and delays in obtaining governmental approvals.

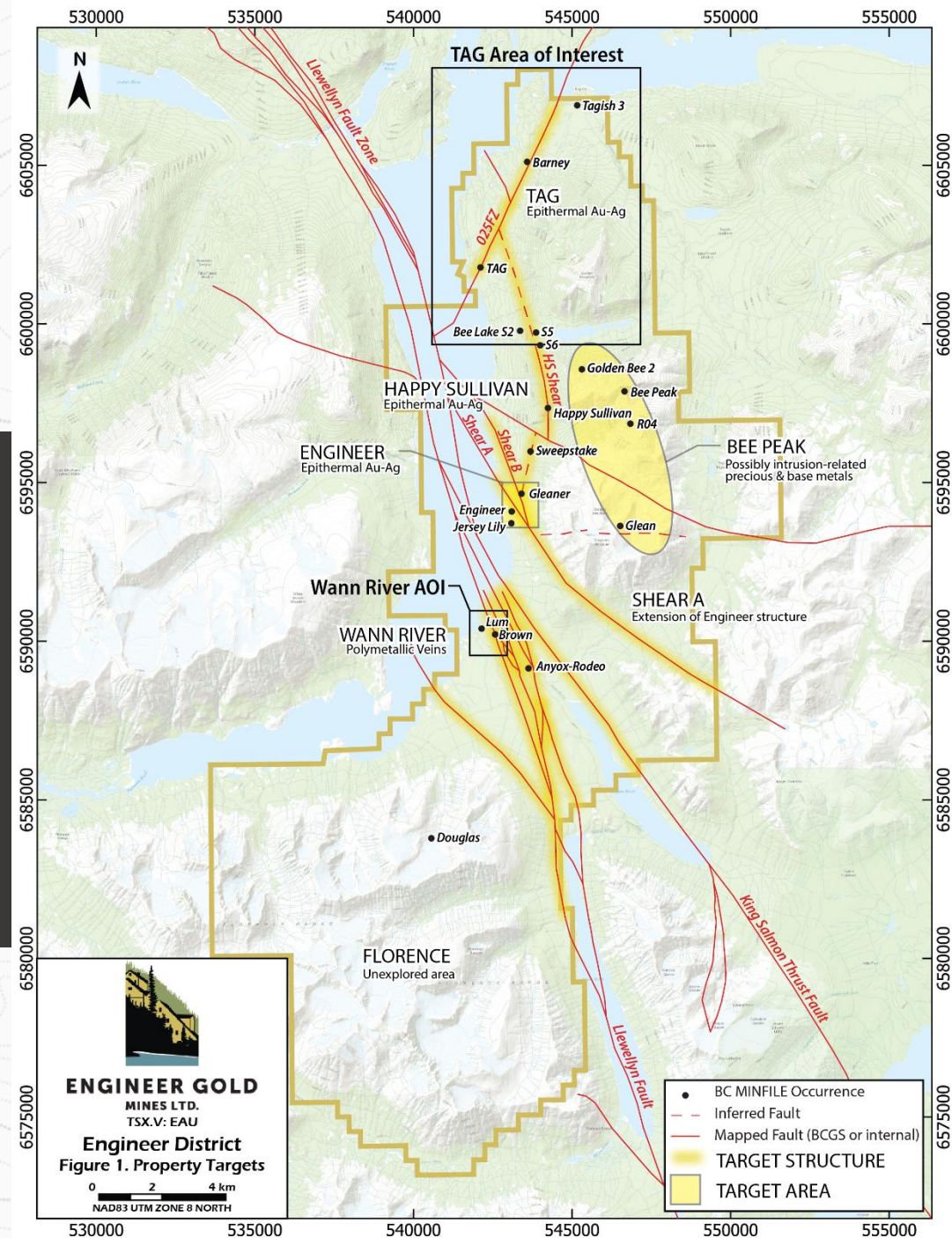
ENGINEER GOLD MINES: REDEFINING BRITISH COLUMBIA'S “GOLDEN TRIANGLE”



ENGINEER GOLD MINES REGIONAL SETTING

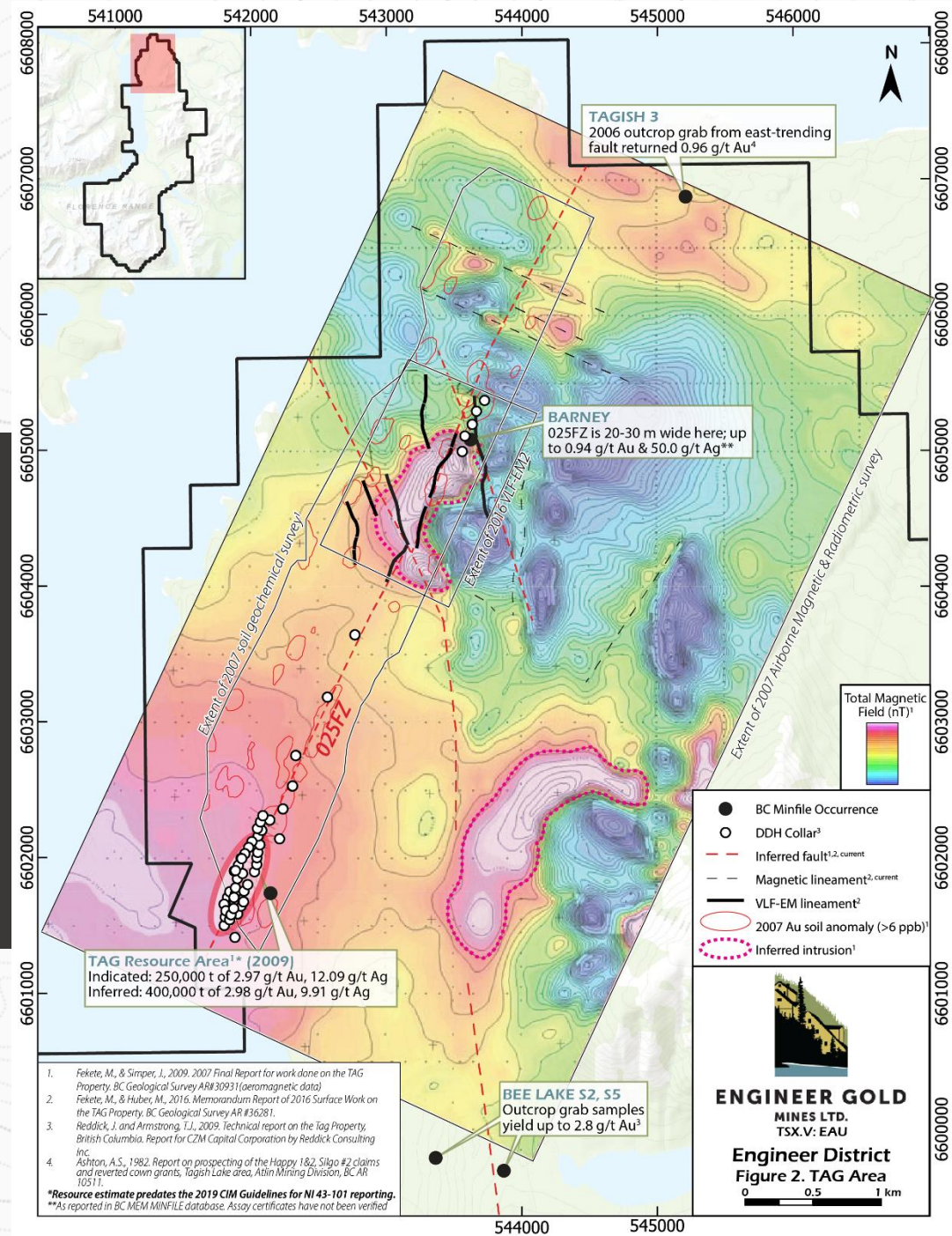


ENGINEER GOLD MINES PROPERTY OVERVIEW



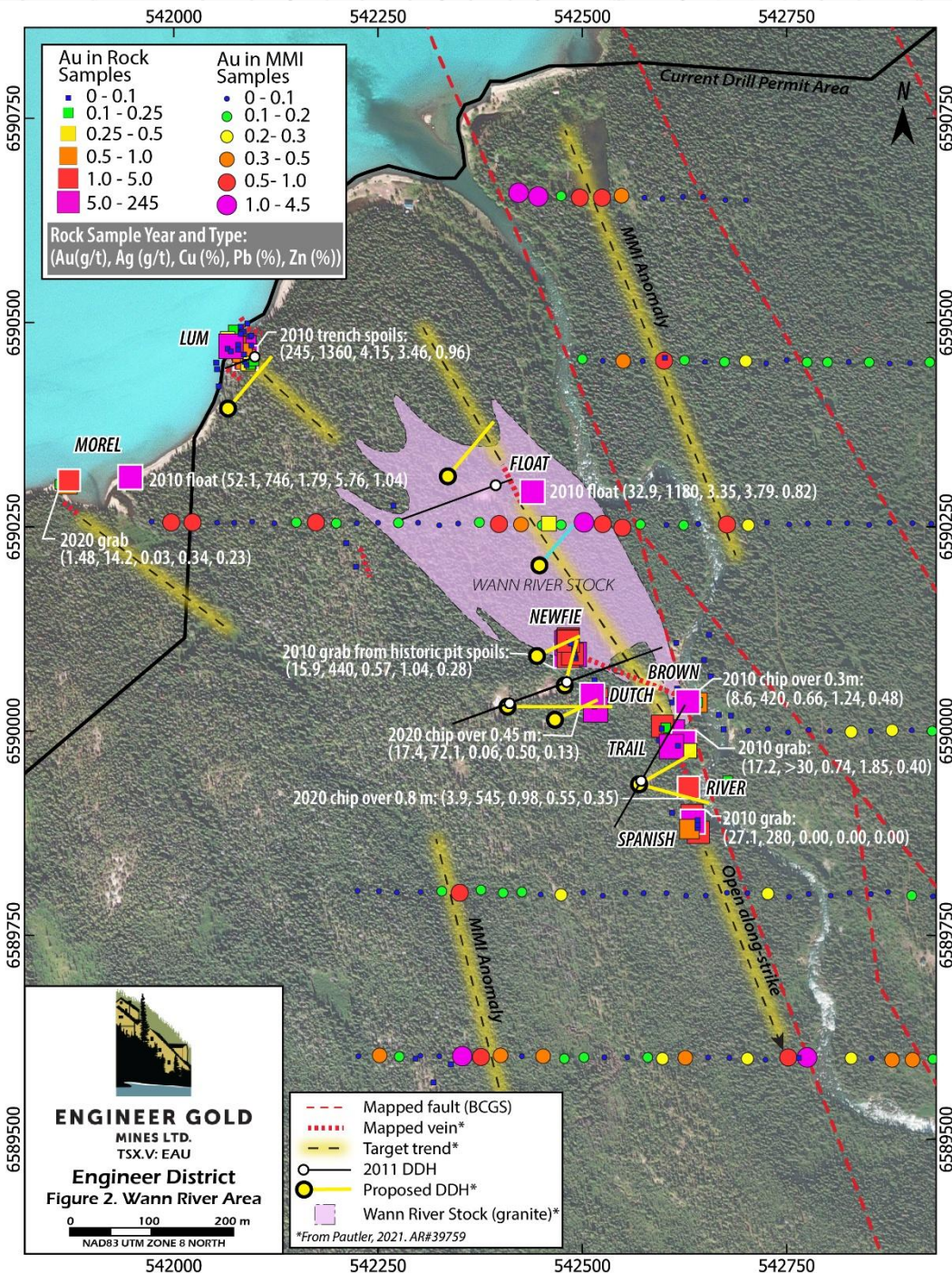
ENGINEER GOLD MINES

TAG OVERVIEW



ENGINEER GOLD MINES

WANN OVERVIEW





Engineer Gold Mines' Mission Statement

Engineer Gold Mines Ltd. is rediscovering the Atlin Gold Rush by proceeding with a high-grade bulk sample to fund project wide exploration in similar geological characteristics that host multi-million ounce mines.

OPPORTUNITY

Engineer Gold Mines is progressing through the bulk sample permitting process in 2022

In addition to pursuing a bulk sample, the company has recently staked additional ground and entered into an agreement to expand its Engineer Project by acquiring the adjoining TAG Deposit with an historic mineral resource (Reddick Consulting Inc. - 2009) and over 11,000 meters of drilling. The company will consolidate data from the TAG acquisition with its own geological database and continue Engineer's project wide exploration program with the ultimate objective of delineating a high-grade gold resource.

WHY ENGINEER GOLD MINES?



100% owned, underexplored, blue sky potential



Operational 30tpd mill onsite



Proposed bulk sample; from historic mine +1oz/t (39g/t) au



Project wide exploration



Numerous untested gold exploration targets



Historic mine; average grade 39g/t gold



~20% ownership by insiders



Overview

- The 100% owned, 18,319 ha property over a 25km trend located within Atlin Gold Rush district in BC includes Engineer Gold Mine with an operational 30tpd mill where management anticipates proceeding with a 5,000 tonne bulk sample from the historic Engineer Gold Mine that had a mine grade of greater than 1oz/t gold.
- Property has a history of fractured ownership that has been consolidated by Engineers' team over the last 15 years.
- Near term bulk sample production with significant Blue-Sky Potential.

Brownfield Asset

The Engineer Gold Mine produced 18,000 ounces gold and 9,000 ounces silver averaging **39 g/t Au and 18 g/t Ag**, respectively, primarily from 2 veins between 1912 and 1927 from 8 mine levels.

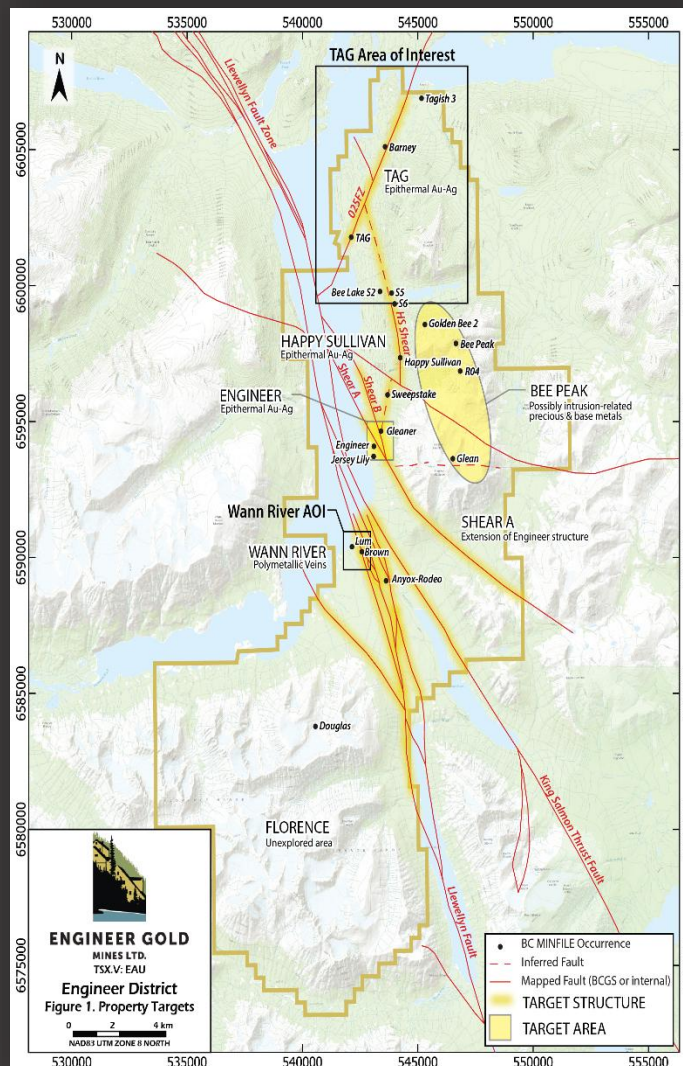
Exploration Strategy

Management is focused on utilizing the anticipated high-grade bulk sample to (in part) fund further exploration, targeting a potential multimillion-ounce gold resource.

Current Exploration Focus

Engineer Mine
Wann River
Happy Sullivan
TAG Deposit

EXPLORATION FOCUS



Engineer Mine

- Selected grab samples on 5,6, and 7 Level assayed 44,142g/t gold, 12,720 g/t gold, and 3,180 g/t gold respectively.
- Dewatered to 8 level in 2019 where samples assayed 547 g/t gold and 419 g/t silver.

TAG Deposit

- 6km N of Engineer Mine
- Historical mineral resource estimate including 250,000 tonnes of 2.97 g/t Au (cut) and 12.09 g/t Ag (cut), indicated and 400,000 tonnes of 2.98 g/t Au (cut) and 9.91 g/t Ag (cut) inferred (Reddick, 2009)

Wann River

- 4km S of Engineer Mine
- Discovery Trench historic samples 83351 & 83352 assayed 263g/t gold, 1360 g/t silver, 4.15% copper and 3.46% lead & 256 g/t gold, 1,200 g/t silver, 2.75% copper, 4.45% lead and 1.36% zinc

Happy Sullivan

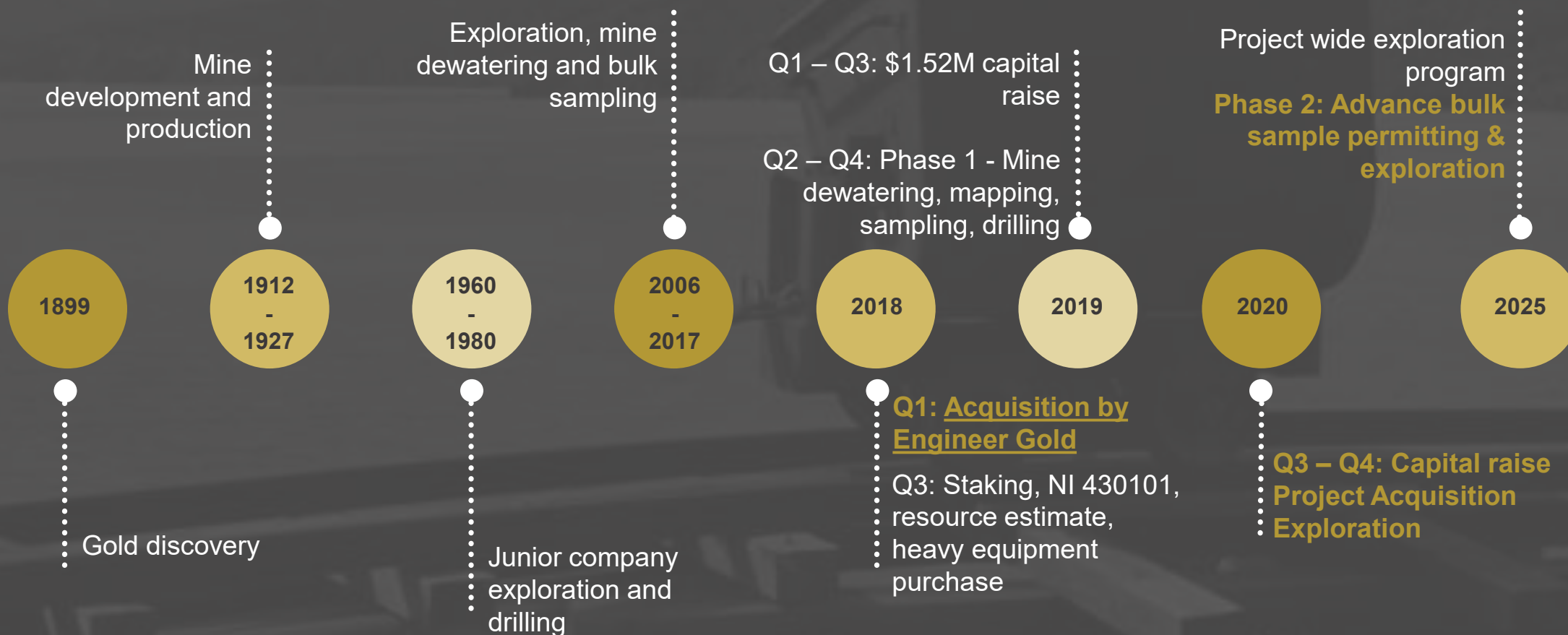
- 3km NW of Engineer
- Historic samples returned 3,257 g/t gold & 847 g/t gold with 479 g/t silver

2025 PROPOSED PROGRAM

Future exploration programs anticipated to be largely funded from bulk sampling activities

- Advance bulk sample permitting for the Engineer Gold Mine in 5 and 6 Levels including the Double Decker, Engineer, and Jersey Lilly Veins
- Continue exploring proximal and distal targets to the historic Engineer Mine using surface and underground diamond drilling techniques
 - 3000 meter program
 - Double Decker Vein extensions at strike and depth
 - Engineer Vein – Boulder-Governor Vein relationship
 - Shear A-B junction (BC Anomaly)
 - Intrusion-related gold mineralization at Engineer
- Regional reconnaissance
 - Prospecting and geological mapping
 - Geochemical sampling
 - Includes exploration of 16 documented mineral showings within the property boundary
- Ground-based magnetic geophysical surveys and complete updated 3D Model (Leapfrog)

EXPLORATION & DEVELOPMENT TIMELINE



“Exploration anticipated to be funded via gold sales from bulk sampling program”

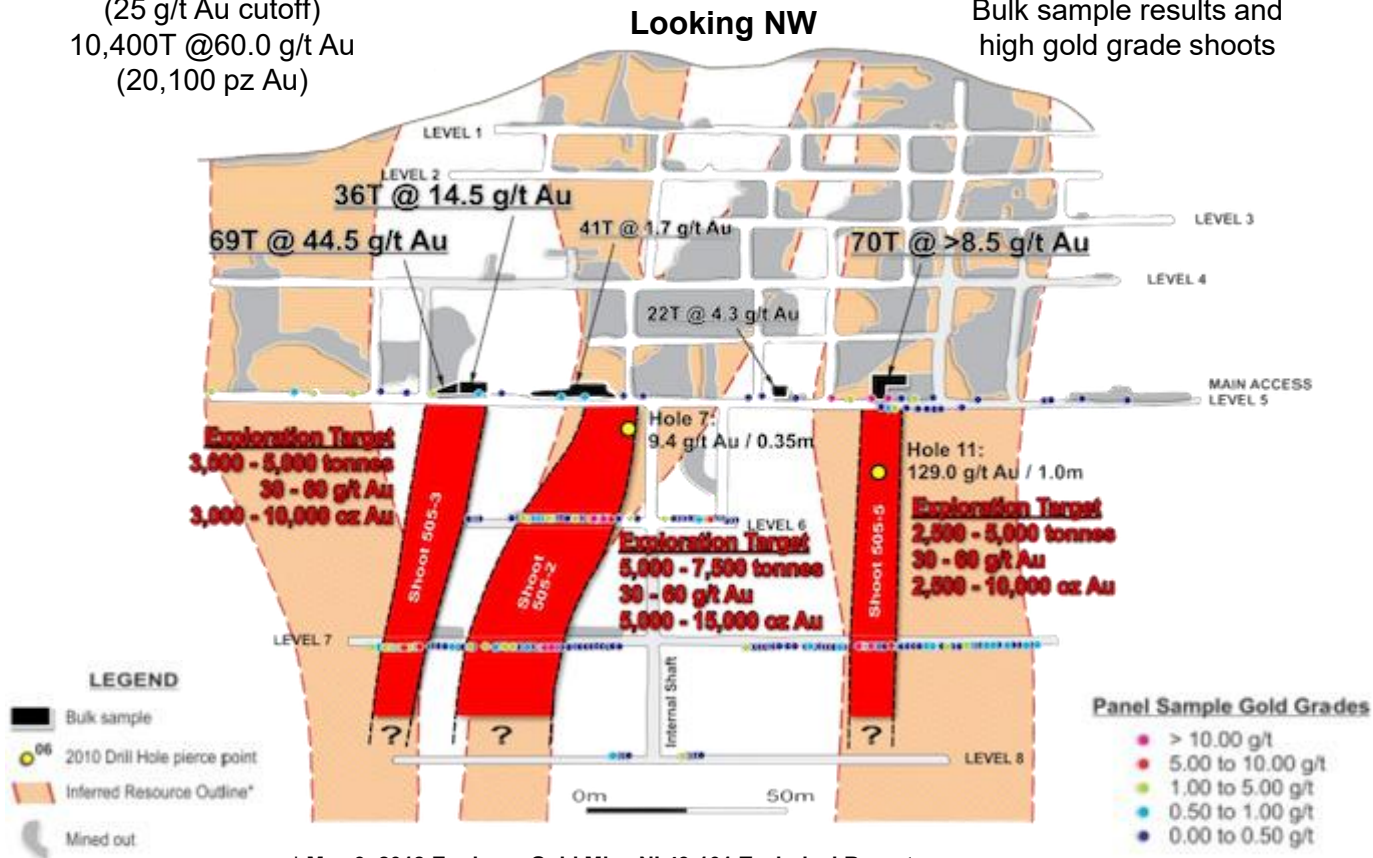
ENGINEER VEIN RESOURCE

Inferred Mineral Resource

(25 g/t Au cutoff)
10,400T @60.0 g/t Au
(20,100 pz Au)

Engineer Vein Long. Section

Bulk sample results and
high gold grade shoots



* May 9, 2018 Engineer Gold Mine NI 43-101 Technical Report

2011 bulk sample
grades and
exploration targets

* The ranges for the exploration targets showing potential quantity and grade are conceptual in nature, there has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result the target being delineated as mineral resource and the basis for the potential quantity and grade has been determined by drilling and underground workings.

2018 NI 43-101 TECHNICAL REPORT HIGHLIGHTS

Category	Tonnage (t)	Average Grade (Au g/t)	Contained Gold (oz)	Cut-off
Inferred	14,000	52.5	23,600	25 g/t Au
or				
Inferred	41,000	19.0	25,000	5 g/t Au

Engineer Gold Mine NI 43-101 Technical Report - 2018

Phase 2 Recommendation:

\$6.2 million exploration and development program

Focus on mineral resource expansion, metallurgical test-work, and bulk sampling.



THE PROPERTY

- The Engineer Gold Mine Property is centred on an underexplored low-sulphidation style epithermal gold silver deposit that shares similar geological characteristics as:
 - Cripple Creek Mine – Colorado (27M oz Au) ¹
 - Emperor Mine - Fiji (7M oz Au)
 - Midas Mine, Nevada (2.2M oz Au) ²
- 18,319 hectare property with >\$7M past expenditures in the last 13 years
- The Engineer Gold Mine produced 18,000 ounces gold and 9,000 ounces silver averaging 39 g/t Au and 18 g/t Ag, respectively, primarily from 2 veins between 1912 and 1927 from 8 mine levels ¹
- Coarse gold and silver mineralization primarily occurs as electrum in quartz veins, intimately associated with a vanadium mica referred to by some as roscoelite

1: NI43-101; O'Brien et al., 2018

2: (L.J. Millonig et.al. 2015, 2016)

WHAT DID ENGINEER ACQUIRE?

AN OPERATIONAL MILL WITH DEVELOPED INFRASTRUCTURE AND EQUIPMENT



UNDERGROUND
DEVELOPMENT



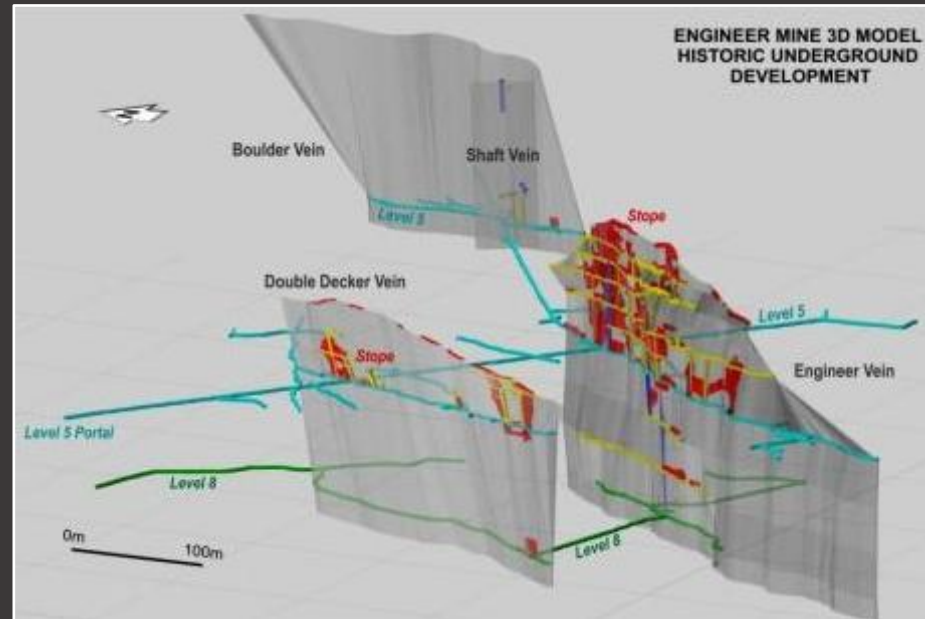
OPERATONAL
MILL



DEVELOPED
INFRASTRUCTURE



UNDERGROUND DEVELOPMENT



- 5,500m of underground development
- 2 styles of gold mineralization:
 - Narrow, high grade (0.3-3m, >35g/t Au)
 - Broad, low grade shear structures with hydrothermal breccias (0.45g/t Au over 34m)



OPERATIONAL MILL



Fully functional 30tpd gravity separation mill on site, expandable with floatation circuit.



DEVELOPED INFRASTRUCTURE



- All-season 20 man trailer camp on property.
- Permanent industrial dock for loading and offloading float planes and barges.

GRAB SAMPLES SHOW SIGNIFICANT MINERALIZATION

Wann River High Grade Discovery Trench along Tagish Lake



Historic selected grab
samples includes:

GOLD
8.46 oz/t

SILVER
43.4 oz/t

COPPER
4.15%

LEAD
4.75%

ZINC
1.94%

HIGHLY- EXPERIENCED LEADERSHIP



Thomas Kennedy – CEO & Director
B. Comm., JD



Andrew H. Rees – Director
B.Comm.



Monty Sutton – Director
CPA



Lawrence Smoliak – Director
CPA



Dale Dobson – CFO
CPA, CGA



Image: Paddle Steamer "Tutchi" docking at Engineer circa 1923

ENGINEER GOLD MINES (EAU) SUMMARY



18,319 ha project



Centralized historic mine 1oz/t



Anticipated bulk sample to be mined from the historic high-grade Engineer Gold Mine



Recently consolidated ownership of a historic gold camp along 25km trend



First time in its 120 year history, project area has been controlled by one company



Engineer is now able to tie together and map the geological significance of multiple multi-ounce exploration targets throughout the project



Engineer anticipates leveraging bulk sample gold sales to fund upcoming exploration programs

Au



**ENGINEER GOLD
MINES LTD.**

ENGINEER GOLD MINES

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26.1 M shares issued

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