



# CORPORATE PRESENTATION

TSX-V: TCO

December 2022

TSX-V: TCO

TRANSATLANTIC MINING - AN EMERGING COPPER-GOLD EXPLORER & DEVELOPER

# CAUTIONARY STATEMENT

TSX-V: TCO



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**Independent Review** – The technical data disclosed has been independently verified by Qualified Persons, Chris Pfahl of Silver Valley Engineering and Aslam Awan of AAA Geoconsultants.

**Information** in this presentation remains subject to change without notice.



# CORPORATE SUMMARY



## BOARD

CEO	<b>Bernie Sostak</b> Geology, 35 yrs experience
Chairman	<b>Ray Parry</b> Finance, 35 yrs experience
Independent Director	<b>Michael Hulmes</b> Engineering, 35 yrs experience

## MANAGEMENT

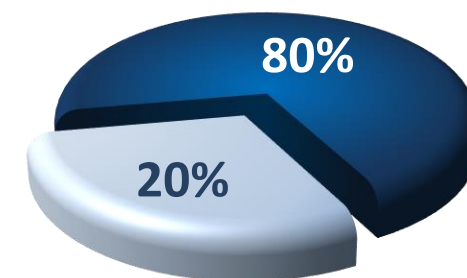
VP Operations Management	<b>Ron Krusemark</b> Engineering, 25 yrs experience
CFO	<b>Yuying Liang</b> Accounting, (CPA)

*Team have explored, developed and operated over 50 mines*

Shares on Issue	86.6 M
Warrants on Issue: <i>Options</i>	14.0 M
Diluted shares	100.6 M
Share Price (CAD)	2 cents
<i>Current Investment Assets (CAD)</i>	\$2.0 M
<i>Cash at hand (Sep 30 2022)</i>	\$3.1 M

Management ownership 20%

Top 10 shareholders 60 %



# MINE PROJECT OVERVIEW



A precious metal and base metal explorer to mine developer with three high grade gold and copper projects:

- Purchased 100% **Golden Jubilee Gold Mine**
- Exclusive option on **Miller Gold Mine**
- Ownership of + 80% of the **Monitor Copper-Gold-Silver Project** in Idaho (USA)



# EXPERIENCED MANAGEMENT TEAM & BOARD



## Board and Management

### Bernie Sostak, Chief Executive Officer (CEO)

Commercial Geologist, B.Sc., Diploma Business, MAusIMM, with over 30 years' experience in the gold mining industry, most recently as General Manager of Business Development and Technical Services for ASX-listed Northern Star Resources. Served as Director of Resource & Reserve Strategy for Barrick Gold. Extensive experience includes exploration through to resource estimation, feasibility studies, mine planning/commissioning, project evaluation and target generation.

### Ray Parry, Chairman (Non-Executive Director)

Ray holds degrees in accounting and finance and an MBA in International Business. He is a Fellow member of the Certified Practicing Accountants of Australia and is a Graduate of the Australian Institute of Company Directors. Ray has over 30 years' experience in sectors including Mining, Manufacturing, Banking, Oil & Gas. He has held the position of CFO/Company Secretary for a number of ASX listed companies including Troy Resources, Millennium Minerals and Northern Star Resources and has also been the CFO of Hanking Gold Mining. Other roles included senior management positions at St. Barbara, Kerr McGee (USA) / Tronox & Bankwest.

### Michael Hulmes, (Non-Executive Director)

Over 30 years' experience in Australia, Papua New Guinea, Portugal, Spain, China, Brazil, Saudi Arabia & Tanzania. He is a former Managing Director of Somincor responsible for the Neves-Corvo & Aguablanca Mines in Portugal & Spain respectively. Prior to this Michael was General Manager Operations at The Ok Tedi Copper Mine, COO at Citadel Resources; Barrick Australia's General Manager Australian Operations responsible for five gold mines and General Manager of the Plutonic Gold Mine in Western Australia.

## Management

### Ron Krusemark, VP Operations (North America)

Highly experienced and skilled Mine Engineer/ Project specialist with a BSc in Mine Engineering from the Montana School of Mines. He has extensive engineering, operations & project experience in open pit & underground mines. Ron has a proven record of delivering projects on time and on budget. He has successfully increased production rates and extended mine lives in a cost effective and operationally efficient manner.

### Yuying Liang, CFO

Ms. Liang is a principal and director of Canmore Financial Services Inc., which provides financial reporting services and full-service accounting to private and public companies in a variety of industries. Ms. Liang has extensive experience in the public company environment, and has provided services such as financial reporting, company filings, and quarterly and annual budgets. Ms. Liang earned her bachelor of business administration from Simon Fraser University and holds the professional designation of chartered professional accountant (CPA).

# CORPORATE SUMMARY

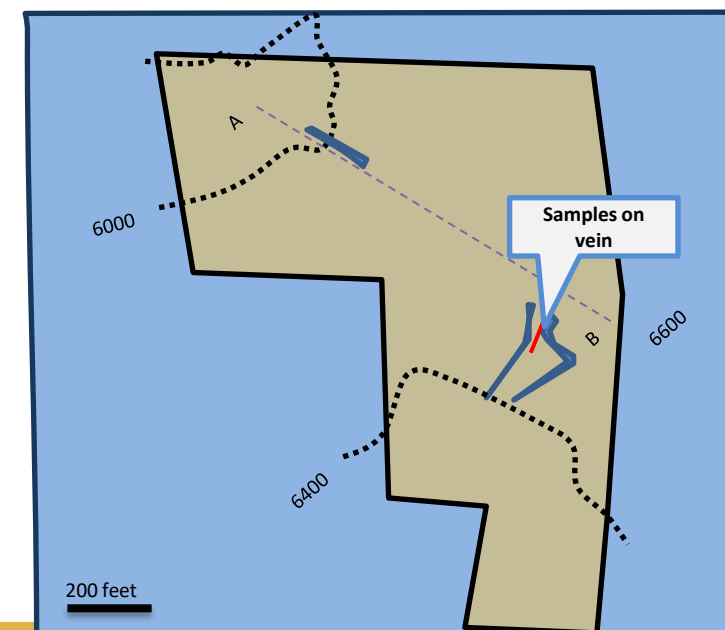
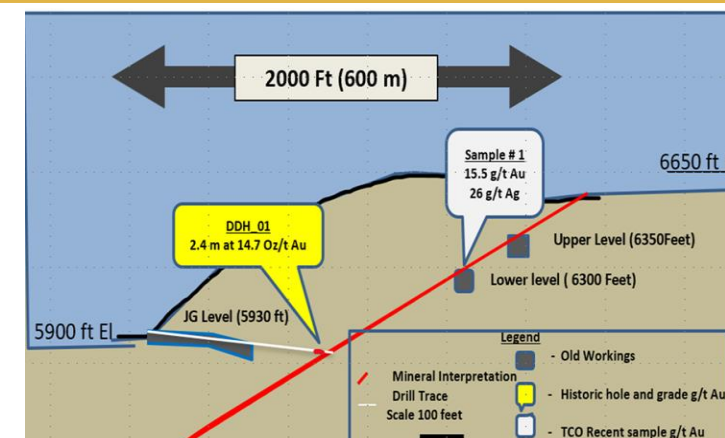


1. Mine Ready Gold Projects – Historically mined
2. Systematic Target exploration for Mineral Resource base upgrade to and beyond 500 Koz Au
3. Mine Operational Team experienced in starting and developing operating mines
4. Ability to focus on near term high grade gold and high grade copper opportunities
5. Focus on earning accretive projects to pay back in less than 2 years
6. Future High Grade Copper proposition at the Monitor Copper/Gold Project
7. Opportunity to Toll treat on external mill capacities or own operator processing

# MILLER MINE GOLD PROJECT



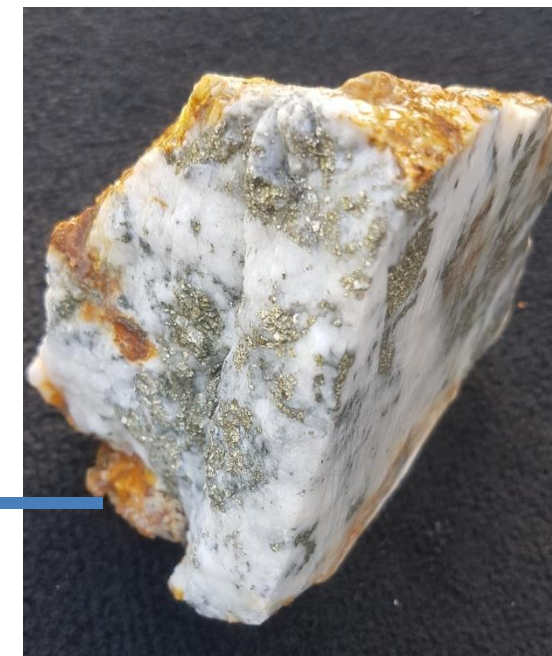
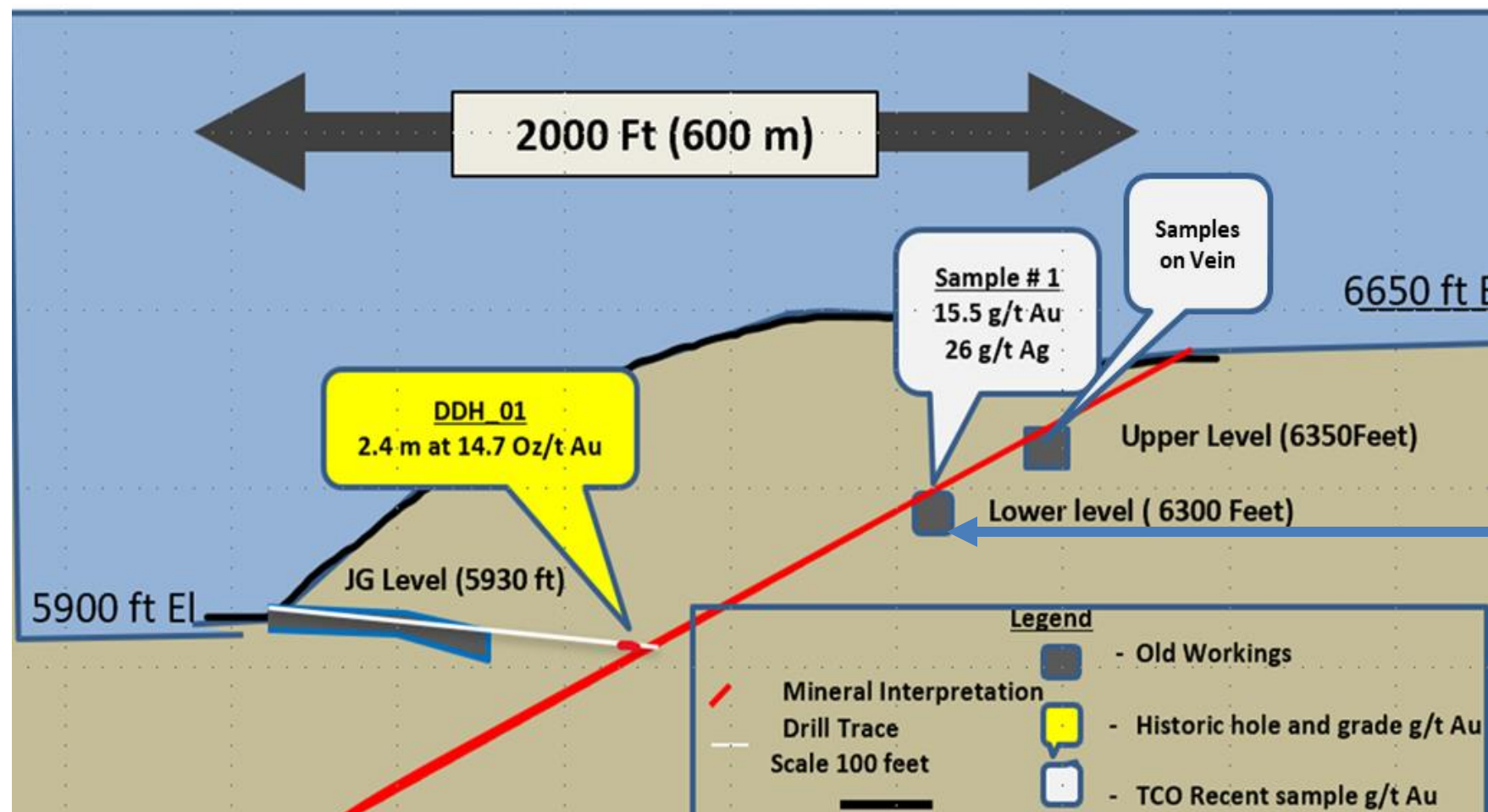
Key Attributes	Value Drivers
Processing	Can utilise toll treating and/or amenable to gravity recovery at site
Private Land/US Lease	Farm-in in to ownership on multiple private patented lease claims Extralateral rights on Private Land
Mineralisation	Technically tested high grade material is amenable to gravity recovery. Veins on contact sediment with granodiorite Recent 2020 underground chip samples average 9.57 g/t Au Historic recovered grade * to 1948 = 7.9 oz /ton (248 g/t) Au and 4.6 oz /ton (143 g/t ) Ag Historic Drillhole 1968 * DDH_01= 2.4 m at 14.7 oz /ton Au (516 g/t Au)
Exploration near Mine	Open down dip + 500 m Open strike length + 200 m
Mining	Previously mined underground at 7.9 oz /ton ( 248 g/t ) Au Possible access within 2 months over 100 m of strike 30 Degree dip with good ground conditions
Metallurgy	Plus 90 % recovery can be achieved on gold (previous gravity and processing)
Exploration Upside	+ 100 koz Au with wider mineralised halo



\*Hemsworth Report : July 2,1969



# MILLER MINE – LONG SECTION



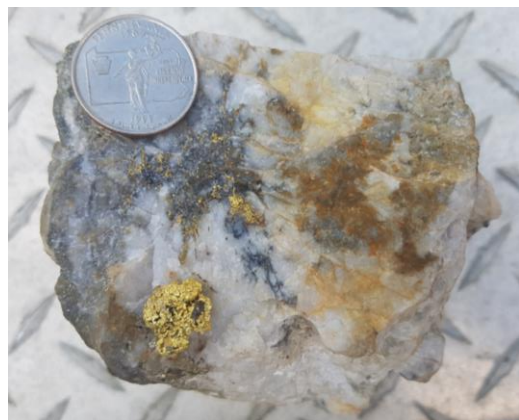
Sample # 1



# MILLER MINE – GOLD MINE – LEASE TO PURCHASE



*\*Sample 1 : 15.5 g/t Au 26 g/t Ag*



*\*Sample 2 : Visual Gold- no assay taken*

*\*Sample from Lower Adit Level (6300 ft level)*

*\*\* Payable on gold production royalty*

## Miller Mine

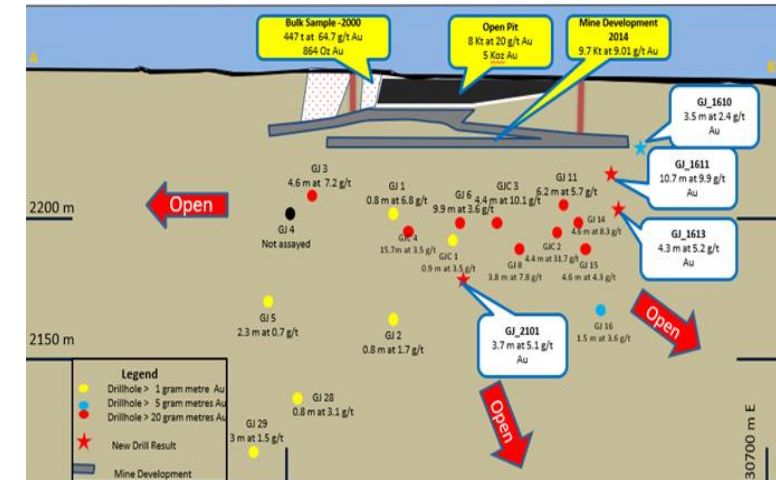
- Exclusive Option lease to 100 % purchase\*\*
- “Sample on Vein” Lower Adit Level with gold and grade over 100m of strike and open at **9.57g/t Au** and **34.7g/t Ag** (1.2m)
- Mined historic recovered grade at **7.9oz Au /ton ( 248.1 g/t Au )**
- Transatlantic to follow up to confirm historical drillholes

***DDH\_01: 8 feet at 14.9oz /ton Au (2.4 metres at 516 g/t Au )***

# GOLDEN JUBILEE MINE



Key Attributes	Value Drivers
Processing	Utilise toll treating and/or amenable gravity recovery at site
US Lease	100% Ownership of the mine
Mineralisation	Technically tested with high grade Gold mined and drilling NI 43-101* (2013) collated with fissure vein on limestone contact Mill tested trial mine development 10,000 tonnes @ 9.0 g/t Au and 447 tonnes at 64.7 g/t Au stope grade Recent drillhole 1611 had downhole length of 3.6 m at 16.3 g/t Au
Historical Resource Estimate	40 Koz Au @ 8.5 g/t Au on development and up to 13.8 g/t Au stoping 14 holes below working averaging 2.3 m wide at 13.8 g/t Au (0.44 oz /t)
Mining	Previously Mined with 83 degree dip on 200 m strike 2.5 m wide with good ground conditions and ready access
Metallurgy	Gold recovery 50 % by gravity and over 90 % overall recovery in combination with leaching circuit
Exploration Upside	+ 500 K oz Au Nearby producer along strike + 250 Koz Au (@ 1 oz /ton Au )



	From ( m )	( m )	Grade g/t
GJ-1	63.75	0.75	6.56
GJ-14	48	2.25	9.83
GJ-3	51.75	2.25	15.87
GJ-3	58.5	2.25	8.17
GJ-8	69.75	3.00	8.96
GJC-2	52.2	4.35	33.80
GJC-3	46.95	0.90	38.25
GJC-3	48.75	0.60	8.33
GJC-4	47.7	2.55	7.14

*Drill intersections below surface*

# GOLDEN JUBILEE MINE – GOLD MINE 100%



*\*Golden Jubilee 2014 Mine Development*

## Golden Jubilee Mine

- Purchased 100 % of Mineral Claims \*\*
- Previous owner mined and processed an exploration level for **10,000 tons** at **9.0g/t Au** through nearby toll treating facility
- 37 drillholes in shallow drill database open down dip and along strike
- Transatlantic to drill and follow up on recent drillholes below mined workings 2022



*\*Core Hole 1611 150-154 feet downhole*

***DD\_GJ\_1611: 12 feet at 0.52oz /ton Au (3.6 metres at 16.3g/t Au)***

***\*\* Gold production royalty applies***



# MONITOR COPPER GOLD PROJECT



- Already earned-in for 80% of Monitor Project JV in Coeur D'Alene (Silver Valley), Idaho
- Comprises 20 unpatented claims and 402 acres. Includes four old mines: Monitor, Richmond, St. Lawrence and Copper Age
- Two mineralized structures, Monitor and Richmond Veins; Monitor known strike 1500m, up to 10m wide, 600m deep
- Monitor Mine mined from 1891 until 1910 when fire destroyed all above ground infrastructure
- NI 43-101 compliant report on the *Geology and Mineralization of the Monitor Mine Property* completed February 2013
- Second largest silver producing area in the world



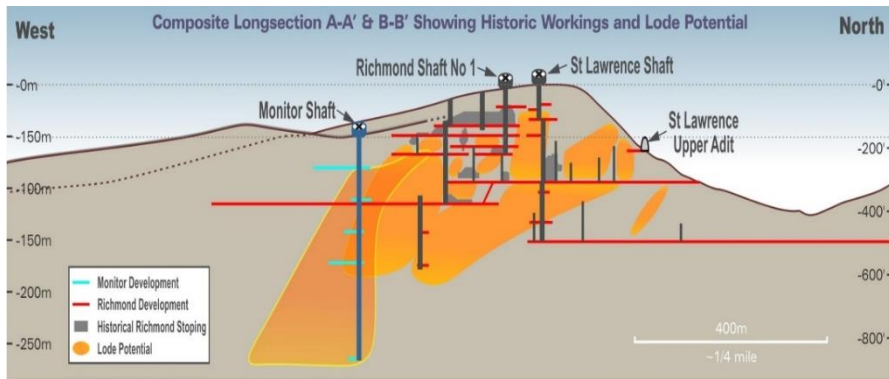
## Region produced:

<b>Silver</b>	<b>+1.2 Billion ounces</b>
<b>Lead</b>	<b>8.3 Million tons</b>
<b>Zinc</b>	<b>3.3 Million tons</b>
<b>Copper</b>	<b>207,000 tons</b>
<b>Gold</b>	<b>529,000 ounces</b>

# PROJECT MONITOR COPPER-GOLD PROJECT



Key Attributes	Value Drivers
Processing Facility	Can toll treat in the future and/or direct ship
Private Land/US Lease	Own over 80% of Monitor St Lawrence 25 year lease with 25 year option on private land
Mineralisation	Technically tested drilling and opening St Lawrence adit Chalcopyrite , with Au and Ag
Historical Production	Last mined in 1920's 15 % Cu , 8 g/t Au and 30g/t Ag-Monitor 8% Cu , 3 g/t Au and 15 g/t Ag-Richmond
Mining	Previously Mined with 80 degree dip in 500 m strike on Richmond and Monitor Veins 2 m to 10 m wide Bulk sample ready
Metallurgy	Copper Gold silver was sent previously to Seattle smelter
Exploration Upside	+ 30 % Copper at Big Elk Additional Riedel structures with shoots analogous to Silver Valley which extend to 2000 m (6000 ft ) depth



# MONITOR COPPER GOLD PROJECT



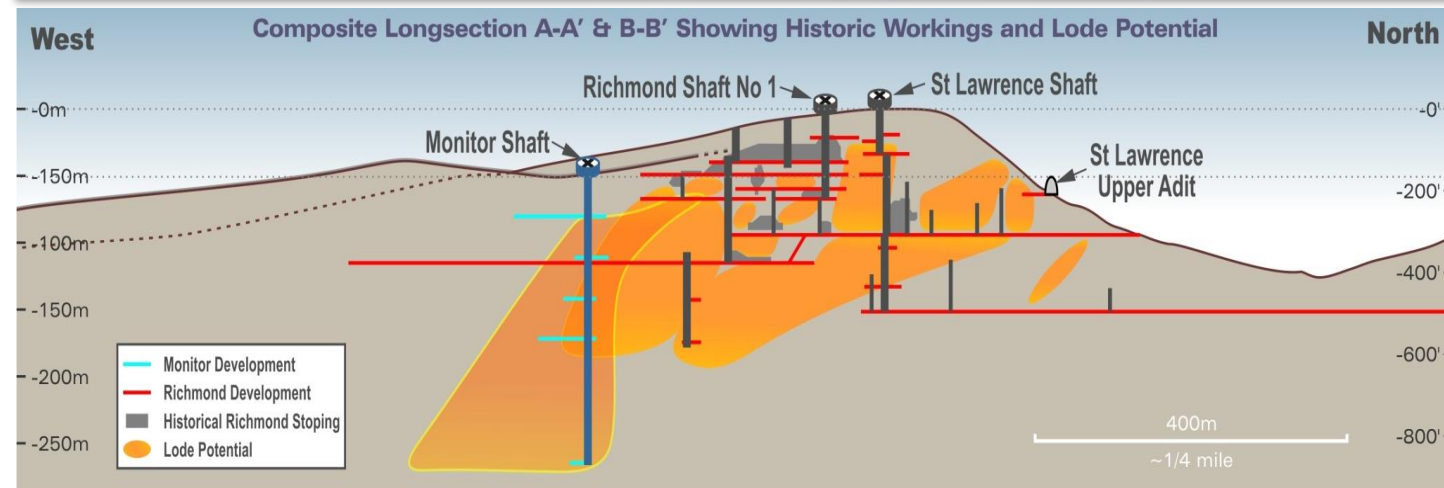
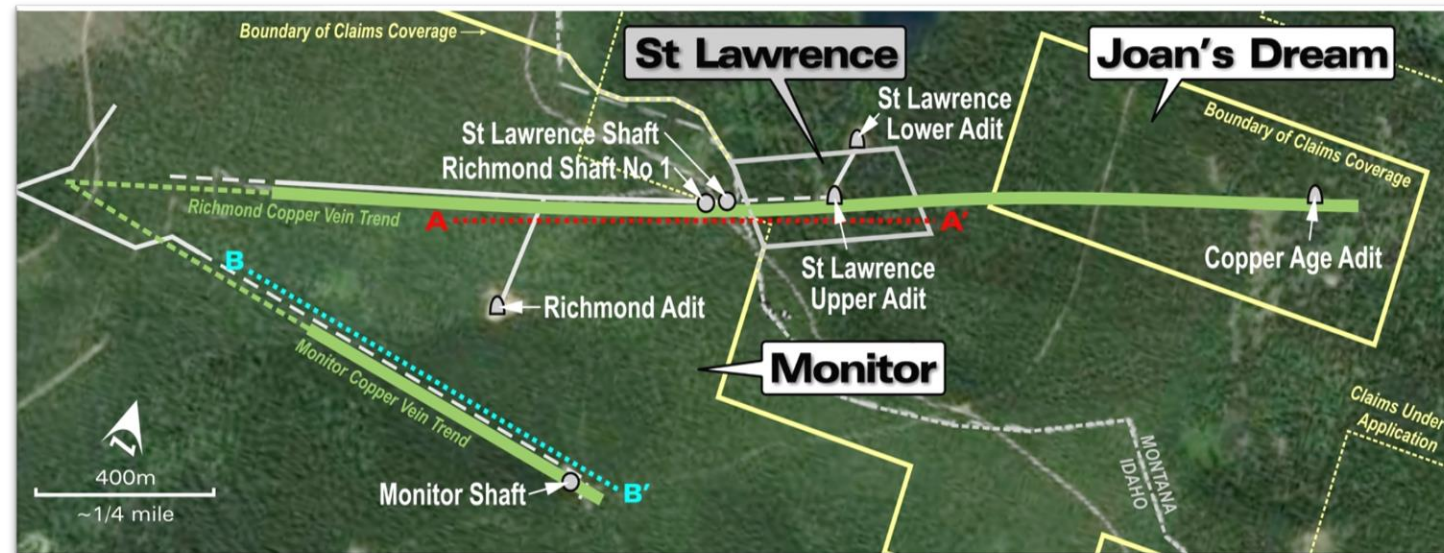
Monitor average copper grade mined prior to 1920 was **~15% Cu** with highest reported grade of **30.5% Cu**

- + Associated metals accompanying Cu:  
**Au 7.2 g/t, Ag 22.5 g/t**

Richmond average copper grade produced was 7.5% Cu prior to 1920

- + Associated metals accompanying Cu:  
**Au 3-10 g/t, Ag +30 g/t**

Predominant sulphide species are chalcopyrite and pyrite with historic grades supported by recent drilling and underground exploration

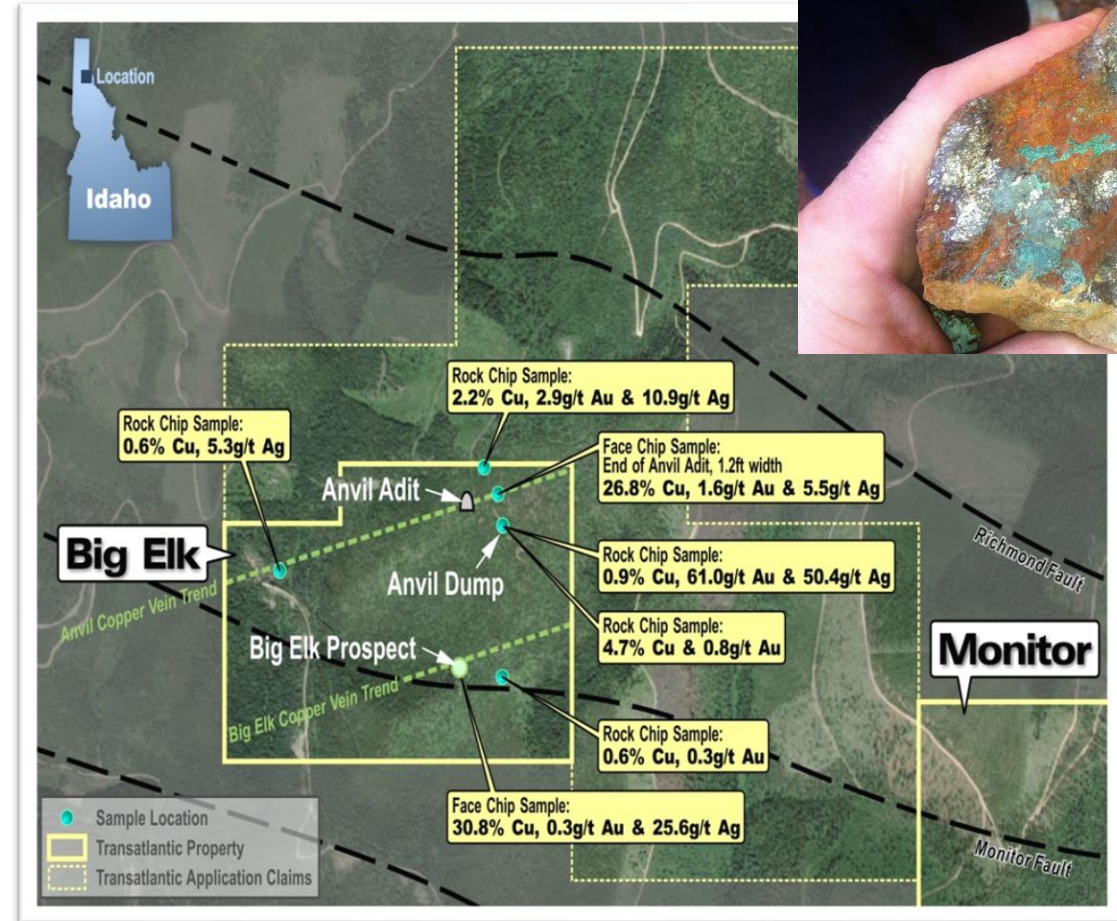






## BIG ELK PROSPECT

- Sulphide deposit at surface, including a high-grade, Cu sample of **30.8%** within 1 metre of sub surface
- Known veins with extensions from adits recently accessed
- High grade Cu along 800+ m strike on two veins - Monitor and Richmond as major lines
- Potential for additional interposed veins along strike



# SCHEDULE :



2021

Purchase Golden Jubilee  
March-April-**Completed**

Commence Permit -Drilling  
Q4 -**Completed**

2022

Drilling  
Geophysics

2022

NI 43-101  
Updates

2022/23

Pre Mine  
production  
estimates

2023+

Cashflow

# WHY TRANSATLANTIC? *CONVERTING PROJECTS INTO MINES*



## Miller Mine - Gold Project

Veins assessed and have high grade gold with historic mined grade of 7.9 oz /ton Au. Open access to commence bulk sample with + 90 % gravity gold recovery

## Golden Jubilee-Gold Project

Last mine developed and processed in 2014 for 10,000 tonnes at 9 g/t Au . Mine ready and can be accessed with low capital cost; gravity gold recovery with exploration upside

## Monitor –Copper Gold Project

+ 80% of Joint Venture as an Asset on several high grade copper/gold/silver deposits historically mined and processed at a 5 to 15 % Copper grade

## Advance Gold Projects

Confirm existing historical information with new confirmation drilling

## Exploration Extension Drilling

Systematic exploration and drilling on all projects to extend existing and discover new mineralization

## Management Team to Build Growth

Proven management team to manage and operate mines safely and efficiently with focus on revenue margin and growth through organic and inorganic opportunities





## Contact

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