

Advancing one of North America's largest undeveloped gold-copper deposits in Quebec

TSX: **TLG**OTCQX: **CHXMF**FSE: **CM5R**

April 2024









CAUTIONARY LANGUAGE, QP STATEMENTS AND LEGAL DISCLAIMERS

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. There is no certainty that the Indicated Mineral Resources will be converted to the Probable Mineral Reserve category, and there is no certainty that the updated Mineral Resource statement will be realized.

The mineral resource estimates contained herein may be subject to legal, political, environmental or other risks that could materially affect the potential development of such mineral resources. See the Resources Report filed on SEDAR (or the Technical Report, once filed), for more information with respect to the key assumptions, parameters, methods and risks of determination associated with the foregoing.

The Troilus project has not been the subject of a current feasibility study and as such there is no certainty that a potential mine will be realized. There is a significant risk that any production from the project will not be profitable with these risks elevated by the absence of a compliant NI 43 101 feasibility study.

The mineral resource estimate disclosed in this presentation was prepared by Mr. Paul Daigle, géo., Senior Associate Resource Geologist with AGP. The supporting Technical Report will be filed on SEDAR (www.sedar.com) under the Company's issuer profile within 45 days from October 16, 2023. Mr. Paul Daigle, who is an independent Qualified Person as defined under NI 43-101, has reviewed and approved the mineral resource estimate disclosed in this presentation.

The technical and scientific information in this presentation has been reviewed and approved by Nicolas Guest, P.Geo., Exploration Manager for Troilus, who is a Qualified Person as defined by NI 43-101. Mr. Guest has also verified the technical data contained in this presentation using industry accepted standards. Mr. Guest is an employee of Troilus and is not independent of the Company under NI 43-101.

This presentation contains "forward-looking statements" within the meaning of applicable Canadian securities legislation. Forwardlooking statements include, but are not limited to, statements related to the Company's Mineral Resource estimates, recovery rates, sensitivity analysis to gold prices, timing and likelihood of future studies including the feasibility study being completed as targeted or at all, the prospect of any future potential economic viability of the project, future demand for commodities, environmental assessments (including the timing of an environmental impact study) and development plans, the Company's understanding of the project; the development potential and timetable of the project; the opportunity to expand the scale of the project, the project becoming a cornerstone mining project in Quebec and Canada, the estimation of mineral resources; realization of mineral resource estimates; the timing and amount of estimated future exploration; costs of future activities; capital and operating expenditures; success of exploration activities; technical expertise and support from local communities; and the anticipated timing of filing the Technical Report. Generally, forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "contemplates", "goal", "continue", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "will", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements are made based upon certain assumptions and other important facts that, if untrue, could cause the actual results, performances or achievements of Troilus to be materially different from future results, performances or achievements expressed or implied by such statements. Such statements and information are based on numerous assumptions regarding present and future business strategies and the environment in which Troilus will operate in the future. Certain important factors that could cause actual results, performances or achievements to differ materially

from those in the forward-looking statements include, amongst others, currency fluctuations, the global economic climate, dilution, share price volatility and competition. Forward-looking statements are subject to known and unknown risks, uncertainties and other important factors that may cause the actual results, level of activity, performance or achievements of Troilus to be materially different from those expressed or implied by such forward-looking statements, including but not limited to: the economy in general; there being no assurance that the exploration program or programs of the Company will result in expanded mineral resources; risks and uncertainties inherent to mineral resource estimates; variations in gold prices and other precious metals, exchange rate fluctuations; variations in cost of supplies and labour; receipt of necessary approvals; general business, economic, competitive, political and social uncertainties; future gold and other metal prices; accidents, labour disputes and shortages; environmental and other risks of the mining industry, including without limitation, risks and uncertainties discussed in the latest annual information form of the Company, in the Resources Report (and the Technical Report to be filed) and in other continuous disclosure documents of the Company available under the Company's profile at www.sedar.com. Although Troilus has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. Troilus does not undertake to update any forward-looking statements, except in accordance with applicable securities laws.

Cautionary Note to U.S. Investors Concerning Estimates of Mineral Resources

Mineral resource estimates have been prepared in accordance with the requirements of Canadian securities laws, which differ from the requirements of U.S. securities laws. The terms "mineral resource", "measured mineral resource", "indicated mineral resource" and "inferred mineral resource" are defined in NI 43-101 and recognized by Canadian securities laws but are not defined terms or recognized under U.S. securities laws. U.S. investors are cautioned not to assume that any part or all of mineral deposits in these categories will ever be upgraded to mineral reserves. "Inferred mineral resources" have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an "inferred mineral resource" will ever be upgraded to a higher category. Under Canadian securities laws, estimates of "inferred mineral resources" may not form the basis of feasibility or pre-feasibility studies. U.S. investors are cautioned not to assume that all or any part of an inferred mineral resource exists or is economically or legally mineable. Accordingly, these mineral resource estimates and related information may not be comparable to similar information made public by U.S. companies subject to the reporting and disclosure requirements under the U.S. federal securities laws and the rules and regulations thereunder.



We are responsibly advancing the pastproducing gold-copper **Troilus Project towards** production.

One of the largest undeveloped gold equivalent deposits in North America

Largest permitting-stage copper project in Quebec

*3rd largest undeveloped copper deposit



VALUE PROPOSITION



Favourable
Mining Jurisdiction

#8

Quebec ranked #8 globally by the Fraser Institute in 2022



Quality Brownfield Project

1996 - 2010

Past-producing mine (1996-2010); extensive inherited infrastructure



Robust Mineral Resource

11.21 Moz

11.21 Moz AuEq (Ind.), and 1.80 Moz AuEq (Inf.)*. Among the largest undeveloped Au-Cu deposits in N.A.



Feasibility Study Underway

2024

Feasibility Study expected for completion in May 2024



Experienced Leadership Team



Proven track-record of permitting, developing and building mines



ESG Leadership

Certified

ECOLOGO certified & UNGC member; Aiming for carbon-neutral operation

65% DISCOUNT TO PEERS

Troilus trades at a 65% discount compared to select Canadian undeveloped peers



Source: Red Cloud Securities, Company Reports and S&P Capital as of February 16th, 2024

CAPITAL STRUCTURE

CASH & MARKETABLE SECURITIES

C\$8.8 million

As of FQ2 ending January 31, 2024

Debt: Nil

TSX SHARE PRICE (April 1st, 2024)

52-week high/low **\$0.31-\$0.79**

Market Cap. ~\$150 million

CAPITAL STRUCTURE

 Shares Outstanding
 283,415,632

 RSUs
 15,527,898

 Warrants
 9,089,999

Options Nil

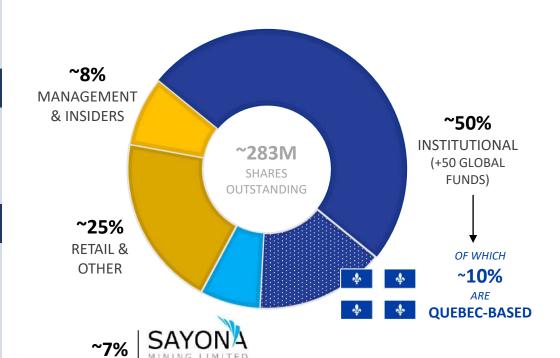
Fully Diluted **308,033,529**







SHAREHOLDER DISTRIBUTION



ANALYSTS

Cormark

Richard Gray

Laurentian Bank

Jacques Wortman

Haywood

Pierre Vaillancourt

Sprott Capital Partners

New analyst tbd.

Velocity Trade Capital

Paul O'Brien

LEADERSHIP TEAM IN PLACE TO ADVANCE TROILUS MINE RESTART

SENIOR MANAGEMENT



Justin Reid CEO, Director



Ian Pritchard
SVP Technical Services



Brianna Davies

SVP Legal & Corporate

Secretary



Susanna Milne *CFO*



Kyle Frank *VP Exploration*



Catherine Stretch

VP Corporate Affairs



Daniel Bergeron *VP Special Projects*



Jacqueline Leroux VP Environment, Permitting & Qc Operations



Caroline Arsenault
VP Corporate
Communications



Nicolas Guest Exploration Manager

BOARD OF DIRECTORS

Diane Lai, ICD.D, MBA – *Chairperson*Seasoned executive and entrepreneur with +20 yrs of global marketing experience

Brigitte Berneche, CPA, CA +15 yrs of experience in the mining sector and large accounting firms specializing in corporate tax

Hon. Pierre Pettigrew, p.c. Former Minister of Foreign Affairs to three Prime Ministers; current Executive Advisor at Deloitte

Dr. Eric Lamontagne, Eng.PhD. Former Superintendent of the Troilus mine; GM Greenstone JV (Equinox Gold/Orion)

Thomas Olesinski, CPA, CMA 20 years of finance and management experience; former forensic accountant

Justin Reid, M.Sc., MBA Geologist and capital markets executive with +20 yrs of experience in the mineral resource space

TROILUS' HISTORY AS A PAST-PRODUCER

FORMERLY PRODUCING MINE

14 Years in Operation

1996-2010

Open Pit Mine - Total Production

Gold: +2 million ounces

Copper: ~70,000 tonnes

Remaining AuEq Resources Upon Closure

Primarily Below-pit Underground Resources

INDICATED

INFERRED

2.05Moz

1.17Moz

44Mt @1.45 g/t

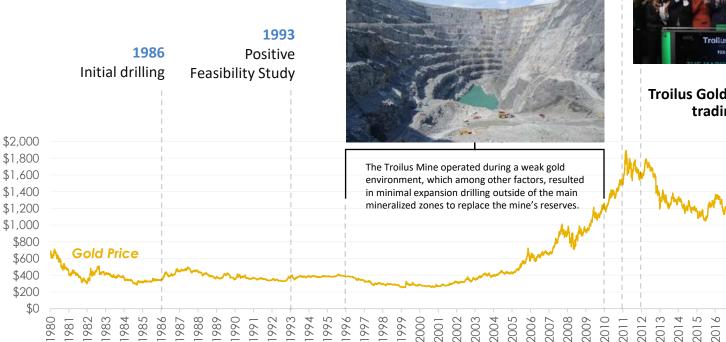
18.7Mt @1.16 g/t

Value of Remaining Infrastructure

\$350 million

1950's Initial exploration





2017

2012

2011

Hostile takeover of Inmet by

Failed merger with Lundin Mining

1996-2010 Inmet Mining Corp. operated the Troilus mine; +2Moz of gold and

~70,000t of copper produced

First Quantum Minerals

Troilus is acquired in Dec. 2017 for:

- \$300,000 cash
- 2.5% NSR

Troilus Gold

Troilus Gold Corp. begins

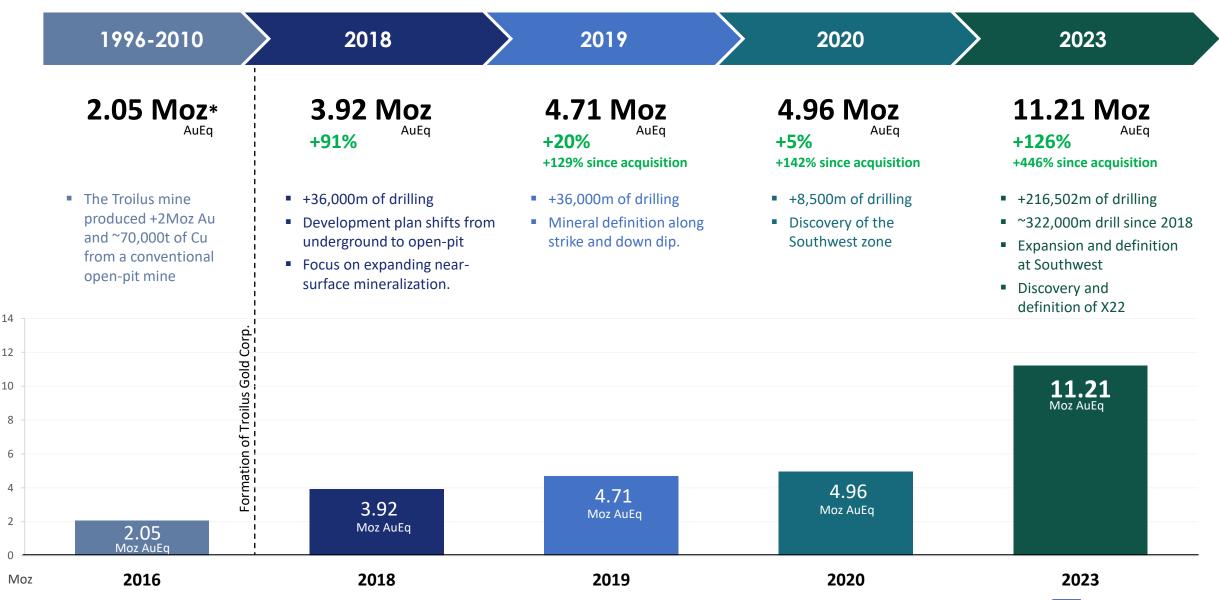
trading on the TSX

2.5% NSR bought back in Nov. 2020 for \$20M

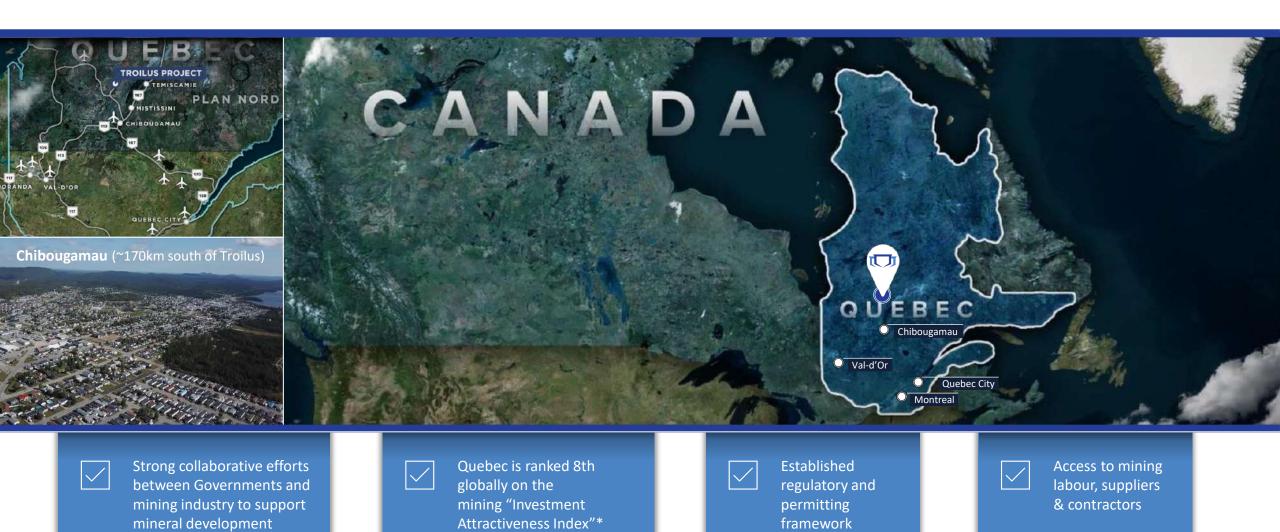
2018



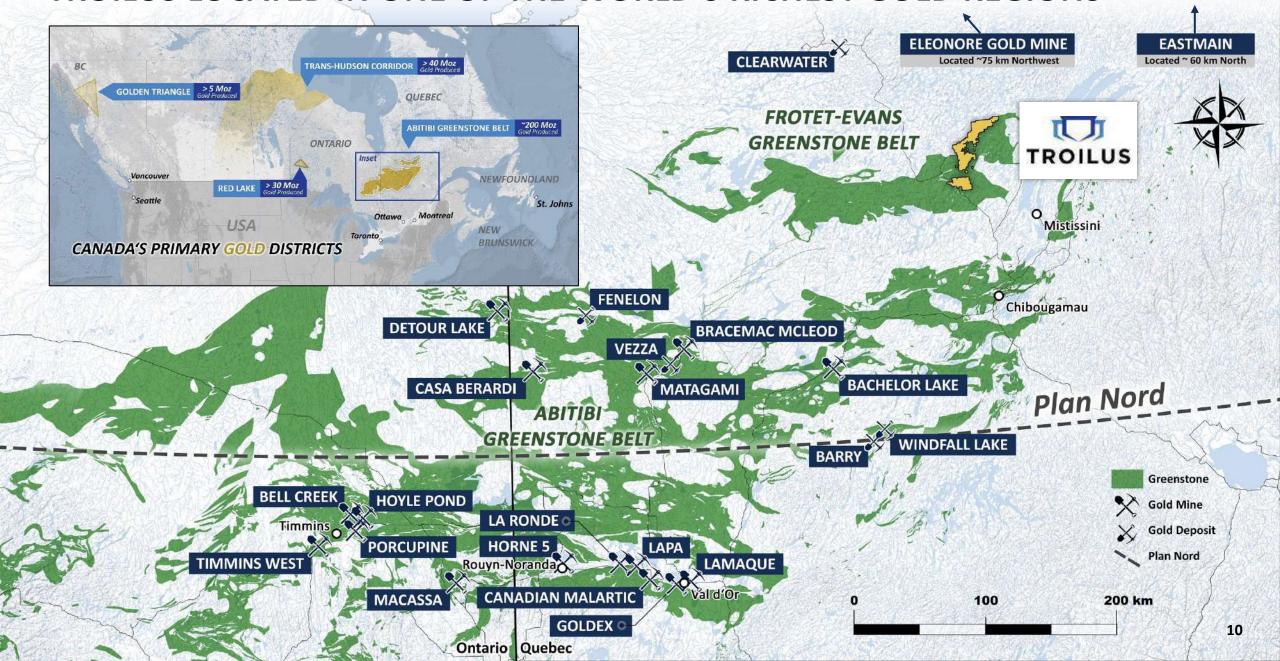
MINERAL RESOURCE GROWTH

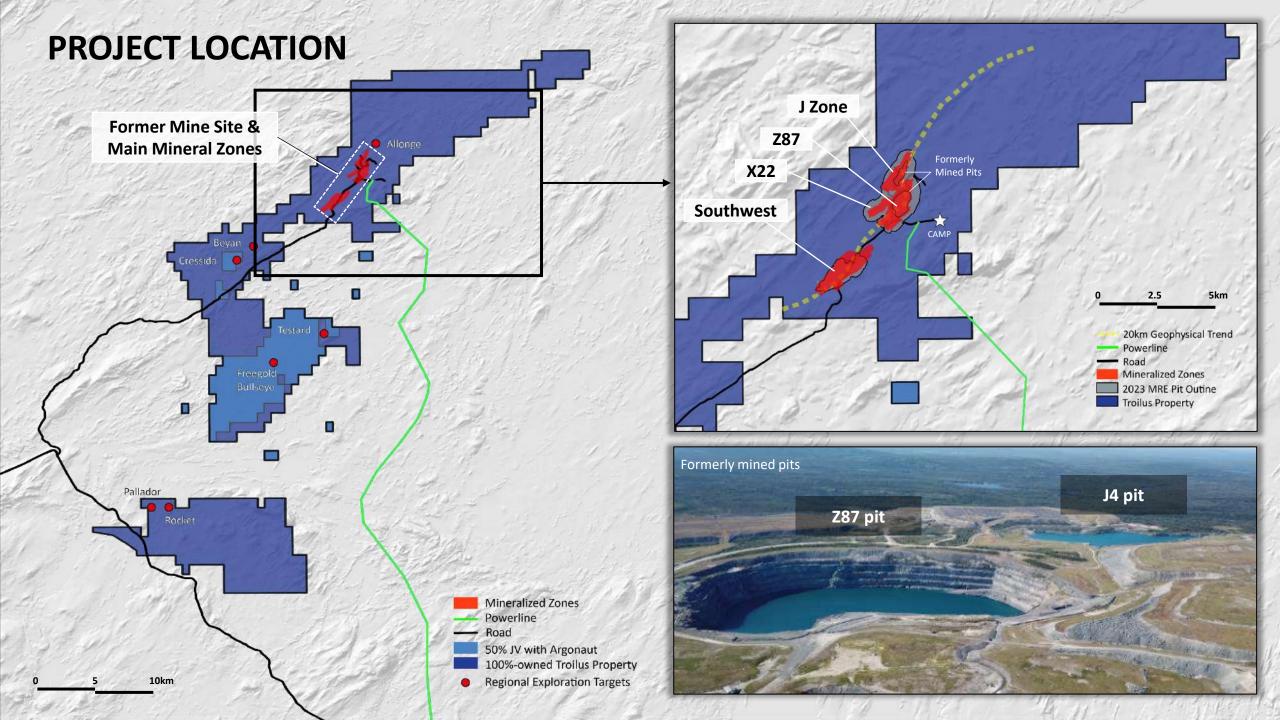


QUEBEC, CANADA: TOP-RATED MINING JURISDICTION GLOBALLY



TROILUS LOCATED IN ONE OF THE WORLD'S RICHEST GOLD REGIONS



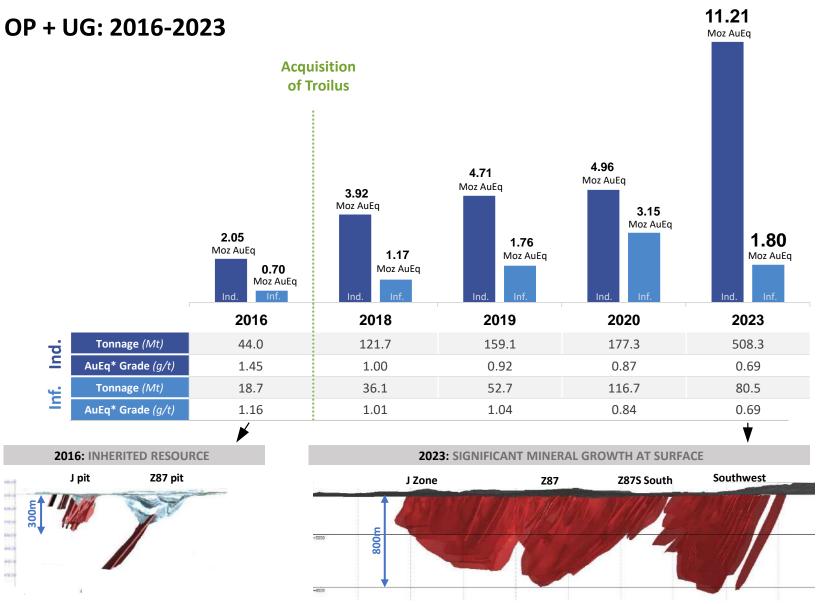


BROWNFIELD ADVANTAGE

+US\$500M OF INHERITED VALUE

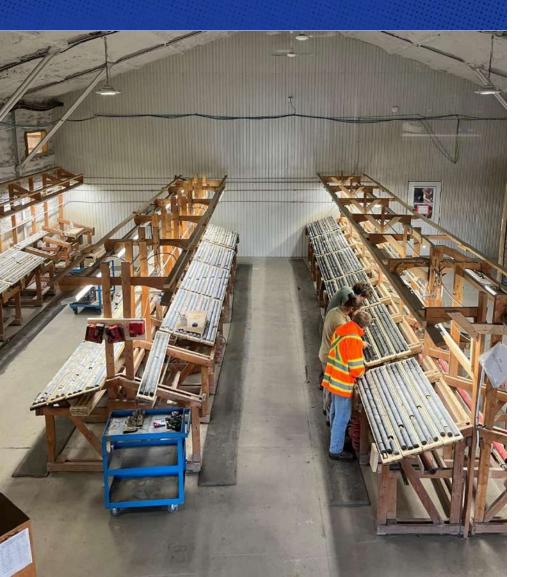


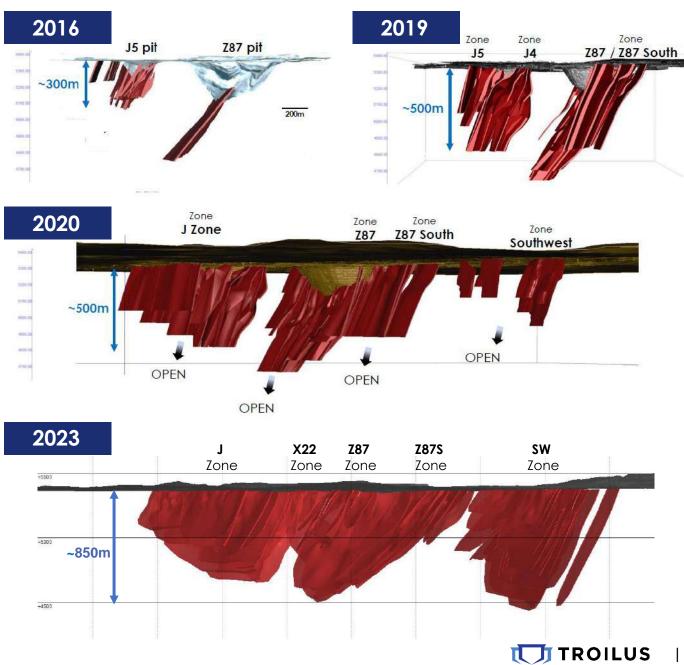
MINERAL RESOURCE GROWTH



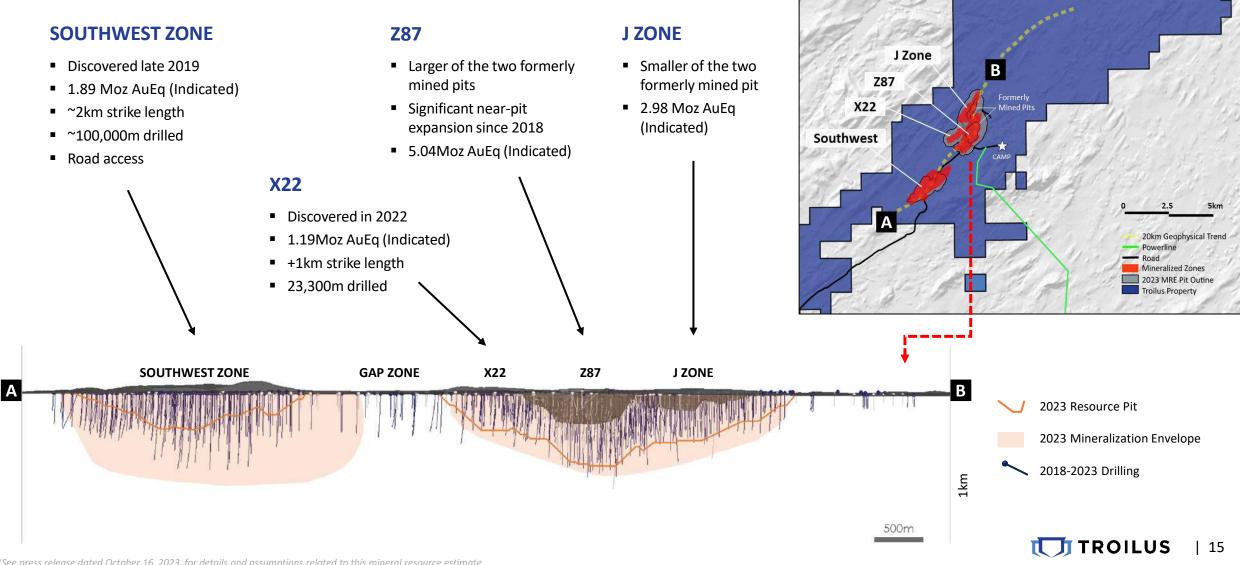


VISUAL EVOLUTION OF TROILUS

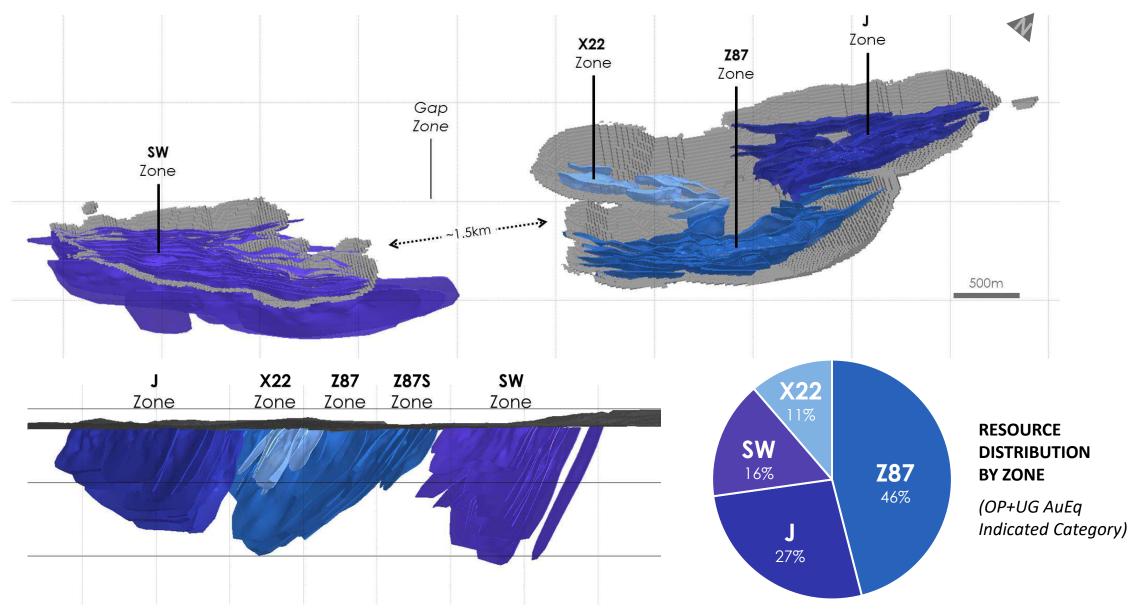




MAIN MINERAL CORRIDOR, LONG SECTION FACING NORTHWEST

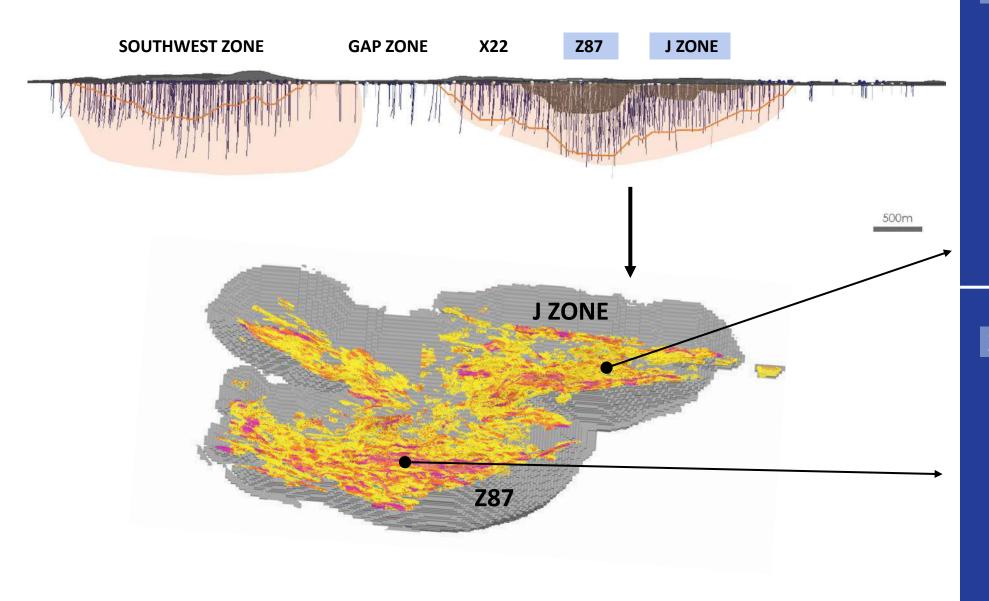


MINERAL RESOURCE SUMMARY - BY ZONE



^{*}See press release dated October 16, 2023, for details and assumptions related to this mineral resource estimat

Z87 & J ZONE



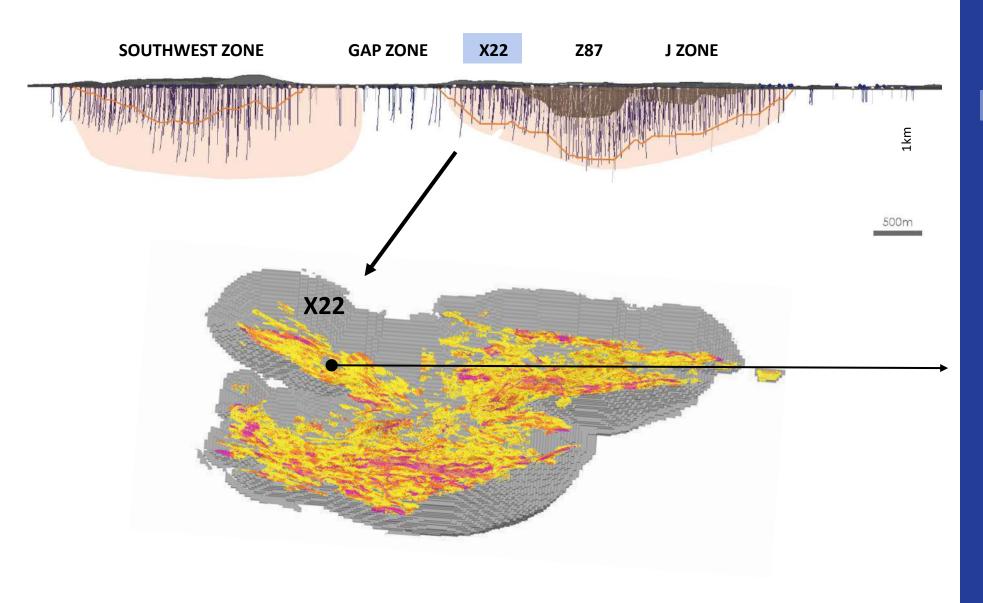
J ZONE HIGHLIGHTS

- ~80,000m drilled
- AuEq intercept highlights:
 - 2.10 g/t over 31m, incl. 4.40 g/t over 12
 - 1.57 g/t over 31m, incl. 4.72 g/t over 7m and 22.51 g/t over 1m

Z87 HIGHLIGHTS

- ~73,000m drilled
- AuEq intercept highlights:
 - 2.74 g/t over 42m,
 incl. 42.49 g/t over 2m
 - 20.85 g/t AuEq over 7m

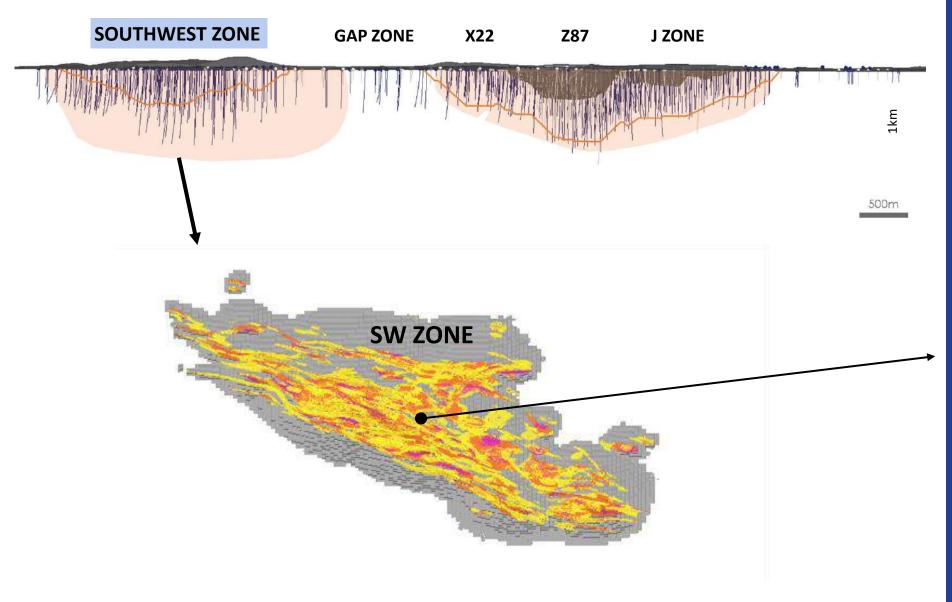
Z87, J ZONE & ZONE X22



X22 HIGHLIGHTS

- Zone discovered in 2022
- ~23,300m drilled
- +1km strike length
- AuEq intercept highlights:
 - 2.72 g/t over 34m incl.
 10.83 g/t over 6m
 - 1.80 g/t over 80m
 incl. 10.13 g/t over 10m
 - 1.15 g/t over 70m
 incl. 3.5 g/t over 11m
 and 2.42 g/t over 6m

SOUTHWEST ZONE



SOUTHWEST HIGHLIGHTS

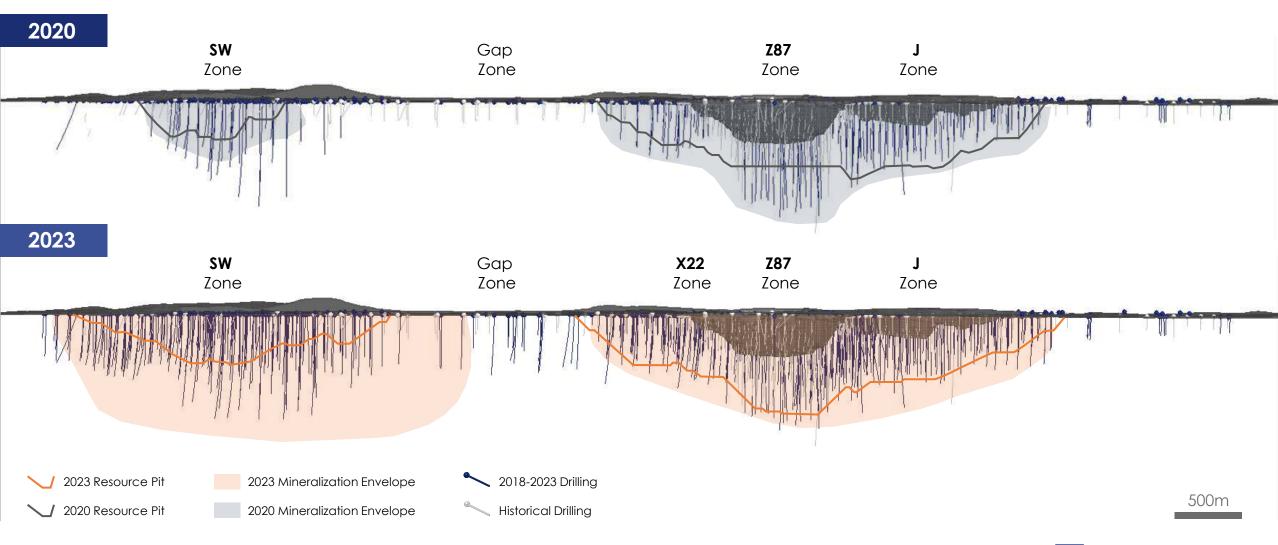
- Zone discovered in 2019
- 2.5km from main zones
- ~100,000m drilled
- ~2km strike length
- AuEq intercept highlights:

V

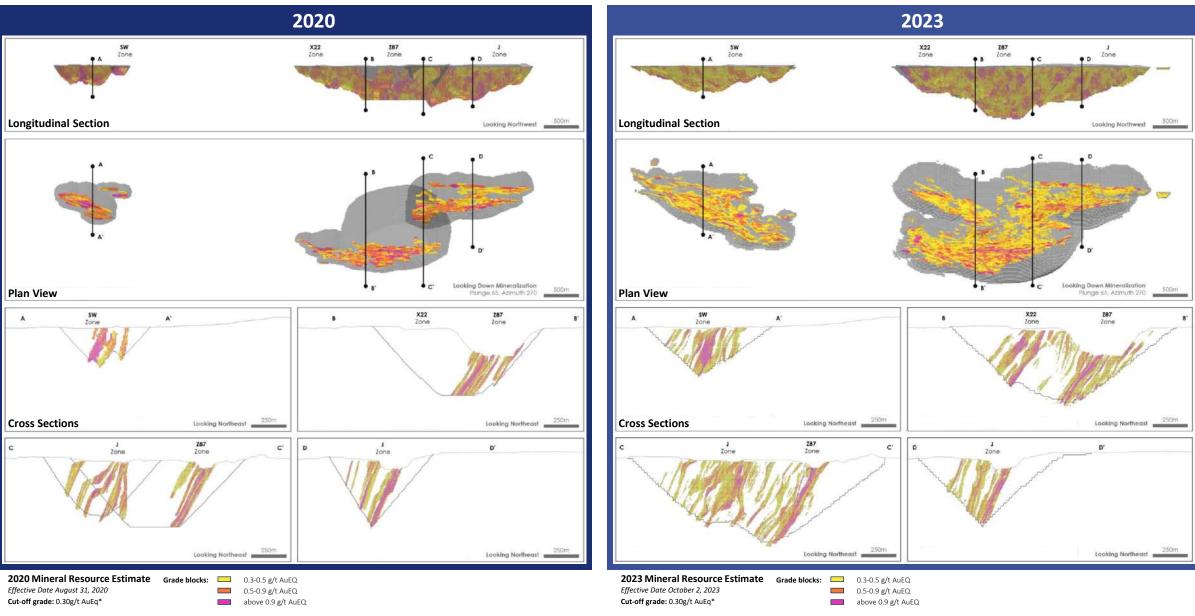
- 3.58 g/t over 15m,
 incl. 6.76 g/t over 7m
- 1.56 g/t over 73m,
 incl. 2.05 g/t over 48m
- 1.95 g/t over 20m,
 incl. 2.73 g/t over 9m

LONGITUDINAL SECTION LOOKING NW: 2020 VS. 2023

MAIN MINERAL CORRIDOR & ZONES

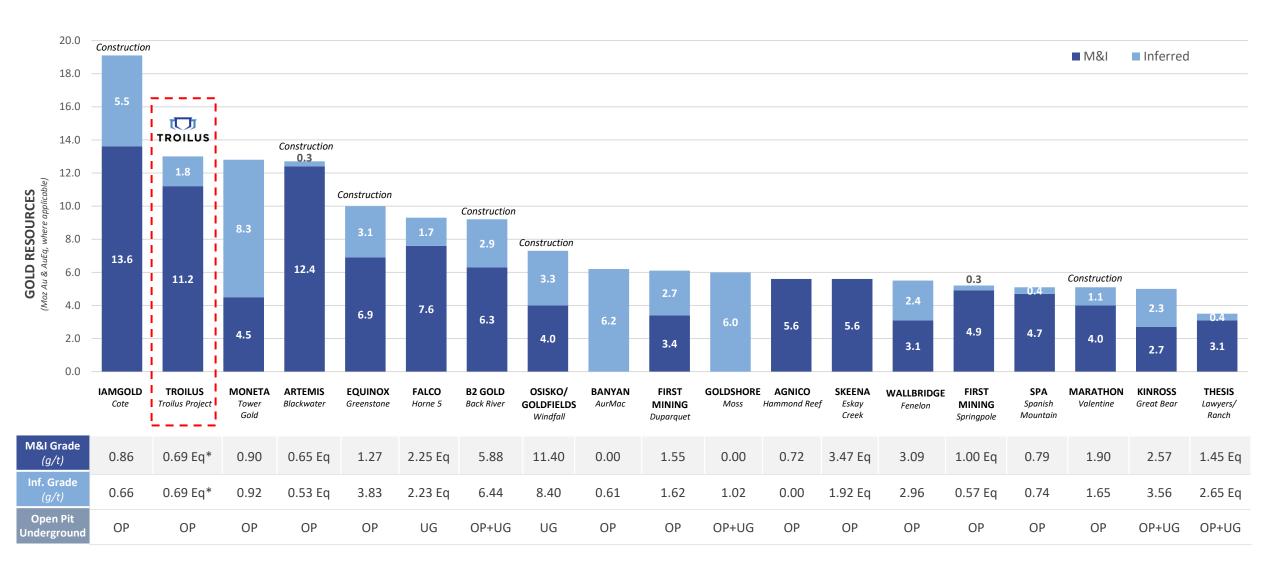


2020 VS. 2023 MINERAL RESOURCE ESTIMATE



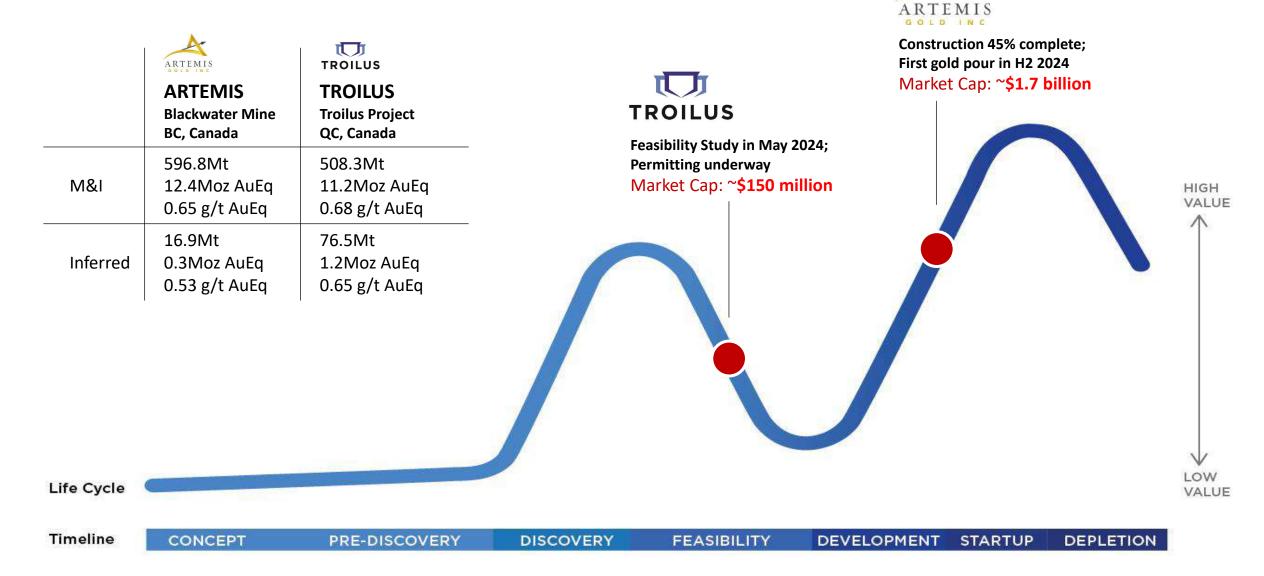
ONE OF CANADA'S LARGEST UNDEVELOPED AU-CU DEPOSITS

Select Undeveloped Canadian Gold Projects



CLOSING THE VALUE GAP: TROILUS VS. ARTEMIS

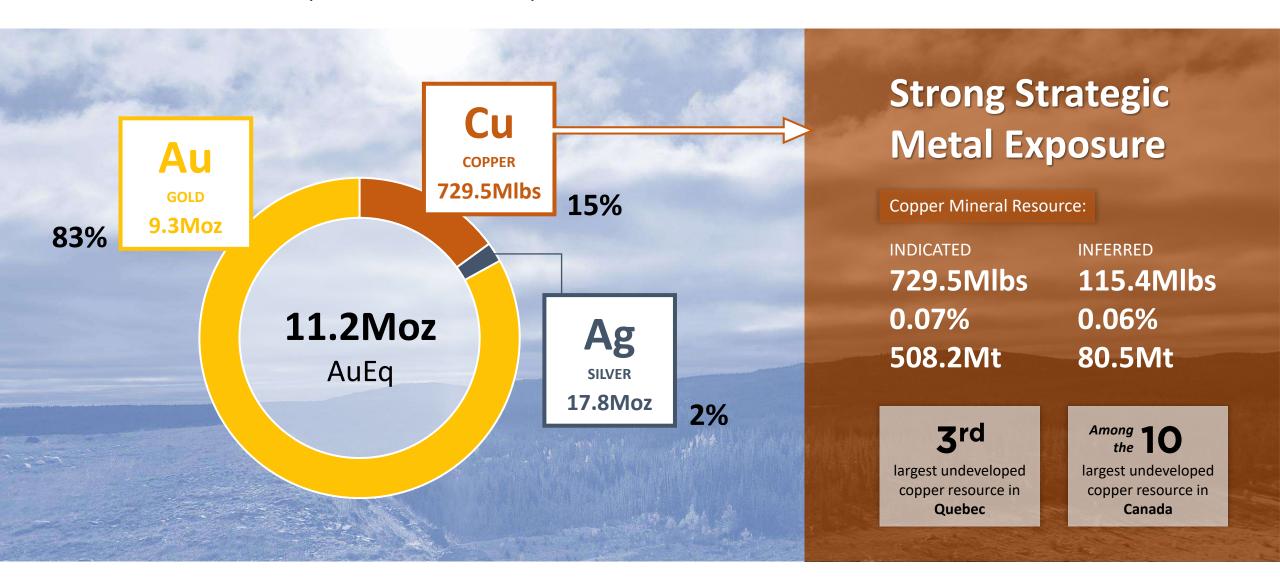
*As represented by the Lassonde Curve showing the typical lifecycle of a mineral discovery



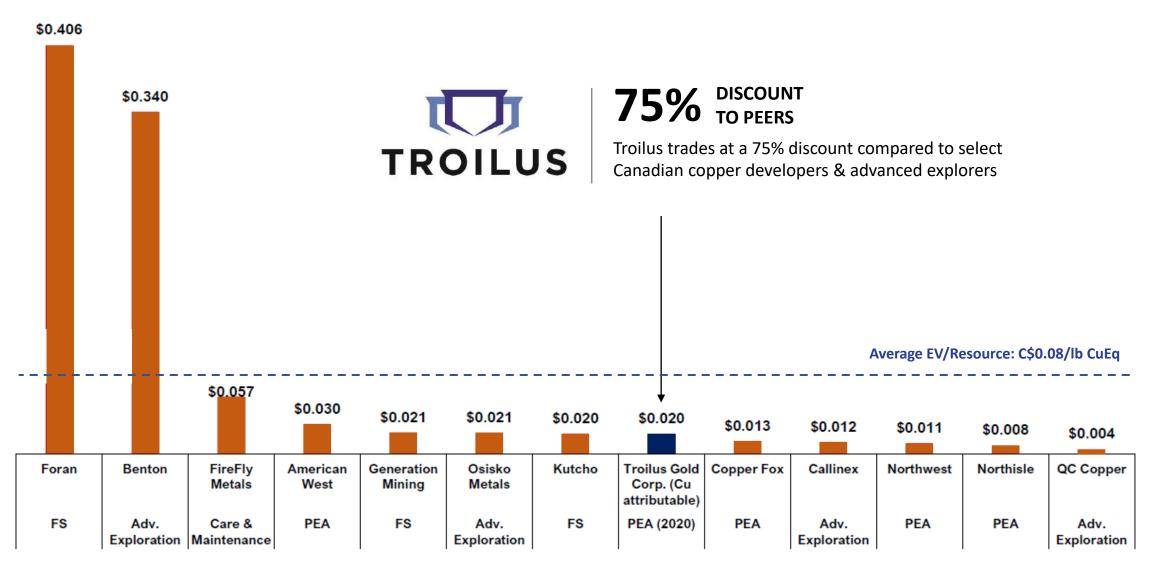
^{*} The Lassonde Curve is conceptual in nature and does not imply that the Troilus Gold share price will follow this path at any given time.

AuEq: COMMODITY DISTRIBUTION

INDICATED MINERAL RESOURCES (OPEN PIT + UNDERGROUND)



CANADIAN COPPER DEVELOPERS & ADVANCED EXPLORERS



MULTIPLE REGIONAL TARGETS TO SUPPORT GROWTH STRATEGY

1 ALLONGÉ

110 g/t Au grab sample (2018)

2 BEYAN / CRESSIDA

Drill results: Grab Samples:

1.62 g/t Au/ 34m 12 g/t Au 1.23 g/t Au/ 21m 9.7 g/t Au 1.11 g/t Au/ 19.3m 32.5 g/t Ag

1.0 g/t Au/ 44.6m

3 TESTARD / BULLSEYE

Drilling Results:

10.14 g/t Au/ 1.8m Highlights: 4.6 g/t Au/ 7.6m 203 g/t Au incl. 20.2 g/t Au/ 1.2m 2,440 g/t Ag 6.7 g/t Au/ 3.2m 1,020 g/t Ag

Grab Samples

6.02% Cu

Channel Samples:

19.5 g/t Au over 0.5m 19.3 g/t Au over 0.5m 12.2 g/t Au over 1.3m

PALLADOR & ROCKET

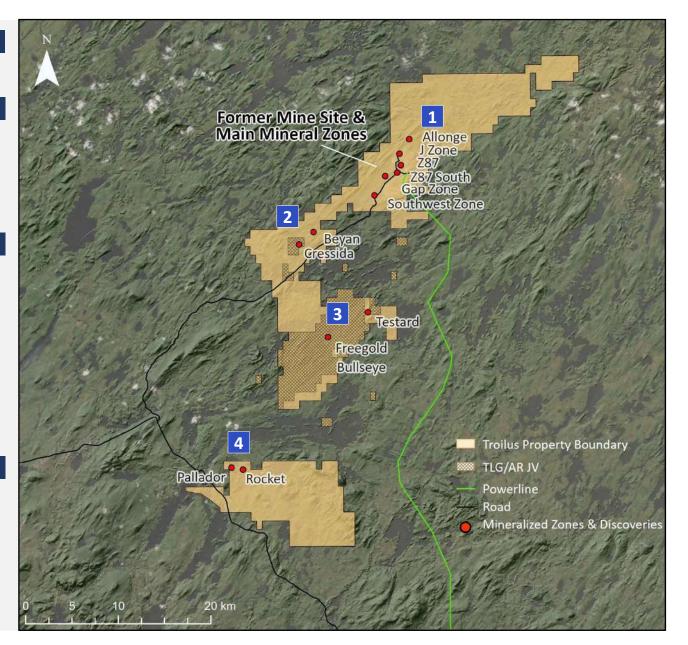
On strike with recent Sumitomo/KLD discovery hole: **8.47 g/t Au over 29m**

Drill Highlights:

4.74g/t Au/ 2.5m, incl. 19.24 g/t Au/ 0.5m

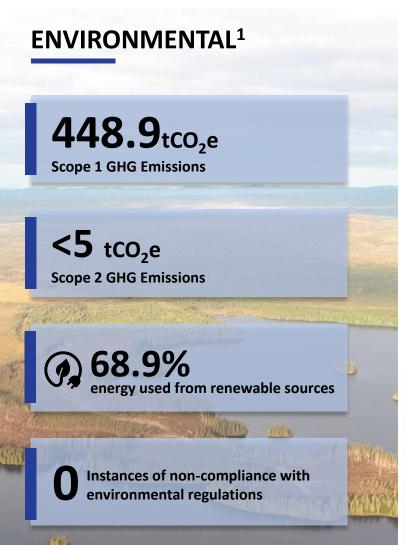
Boulder Grab Samples:

Up to 102 g/t gold



PRIORITIZING STRONG ESG & SUSTAINABILITY PERFORMANCE

Key Highlights







Number of Employees

37

35 full time 2 consultants

Breakdown





\$15.3M

In local procurement for 2023





COMMITTED TO THE RESPONSIBLE DEVELOPMENT OF OUR PROJECT

We are committed to creating value for our shareholders while operating in a safe, socially and environmentally responsible manner.

ESG MILESTONES

2020

Troilus implements a Sustainable Development Policy focused on four pillars:

People, Environment, Health & Safety, Communities

2020

Recipient of the

EXCELLENCE IN
SUSTAINABLE
DEVELOPMENT AWARD

presented annually by the Quebec Mineral Exploration Association (AEMQ).

2021

Inaugural ESG Report

troilusgold.com/sustainability



2022



UN Global Compact

Troilus joins the United Nations Global Compact initiative

2023





Troilus Engages
BluMetric/ Stantec
to complete the ESIA

2020

Implementation of the ONYEN ESG Reporting System

Internationally recognized reporting standards



2020



ECOLOGO Certification

Troilus proudly became the first company to obtain certification for UL 2723 Certification Program for Responsible Development for Mineral Exploration 2022

Troilus Engages:



- To conduct an inventory of its historical and current GHG emissions
- Develop a roadmap towards a future carbon neutral mining operation
- Identify opportunities to reduce or eliminate the use of fossil fuels and their resulting GHG emissions at the future Troilus mining operation

ADVANCING THE PERMITTING PROCESS

MAY 2022

Federal and Provincial permitting process in May 2022

STAKEHOLDER ENGAGEMENT

- Priority on open, transparent and honest communications with its stakeholders
- Proactive approach to building relationships with First Nations groups to incorporate knowledge of the land into project development
- Community consultations have been ongoing since the initiation of the Federal and Provincial permitting process in May 2022

PRE-DEVELOPMENT AGREEMENT (PDA) SIGNED IN 2018

Cree Nation of Mistissini
Grand Council of the Crees (Eeyou Istche)
Cree Nation

- Establishes the framework for the on-going and mutually beneficial relationship regarding business and employment opportunities for the Cree
- Facilitates continued support for exploration activities and preparation of the ESIA studies
- Illustrates the completion of the Impacts and Benefits Agreement (IBA) to show the economic viability of the Troilus Project



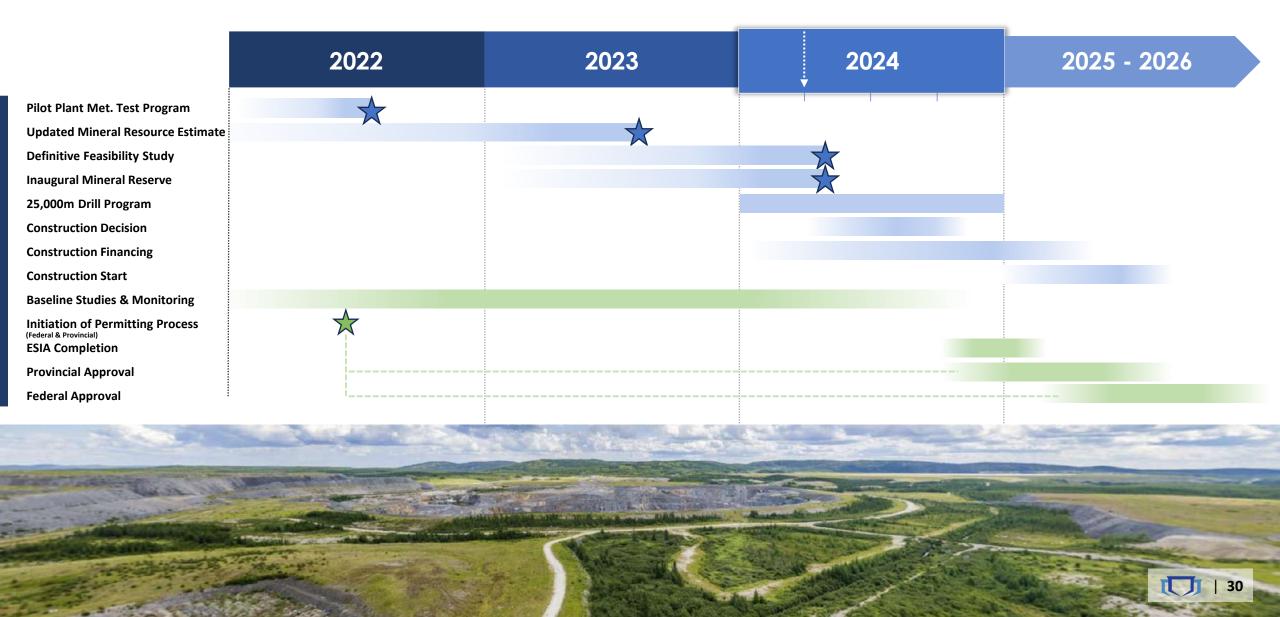






RECENT MILESTONES & PATH FORWARD

Steadily De-Risking the Troilus Project





- Upcoming catalysts with high re-rate potential
- Favourable mining jurisdiction and Quebec Govt. as major shareholder
- Low operational risk:
 Former mine provides "Proof of Concept"
- One of North America's largest undeveloped gold-copper resources
- High leverage to emerging Au and Cu bull markets
- Experienced team looking to replicate past successes

TROILUS

TSX: **TLG**

OTCQX: **CHXMF**

FRA: **CM5R**

Follow us:









Justin Reid

CEO & Director (647) 276-0050, x1305 justin.reid@troilusgold.com

Caroline Arsenault

VP Corporate Communications (647) 407-7123 caroline.arsenault@troilusgold.com

