

VALUE PROPOSITION:



Favourable Mining Jurisdiction

Quebec ranked #5 globally by the Fraser Institute in 2023



ESG Leadership

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



Robust Mineral Resource

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



AuEa

Quality Brownfield Site

Past-producing mine 1996-2010; US\$500M of inherited infrastructure



2024 Feasibility Study:

One of Canada's largest future gold-copper operations

22-year

Mine Life

\$2.2B

Cumulative After-Tax FCF

303,000 oz

Avg. Annual Production (LOM)

536,400 oz

Peak Annual Production (Yr. 7)

135.4 Mlbs

Avg. Annual Production (LOM)

74,900 WMT

CuEq

CuEq

Avg. LOM annual production

*See AuEq disclosure at www.troilusgold.com; AuEq production assumed a 92% recovery rate for all metals; CuEq recovered metal assumes a 92% recovery rate for all metals.

SHARE STRUCTURE

 Shares Outstanding
 ~285M

 Warrants
 ~8.7M

 Options
 Nil

 RSU's
 ~14.1M

 52-week high/low
 \$0.31-\$0.85

 Market Capitalization
 ~C\$100M

 Cash & Marketable
 ~C\$17.1M

 Securities* * *\(\text{April 30, 24} \)
 *C\$17.1M

ANALYST COVERAGE

Richard Gray Cormark

Jacques Wortman Laurentian

Pierre Vaillancourt Haywood

Timothy Lee Red Cloud

Brandon Gaspar Sprott Capital

Paul O'Brien Velocity Trade





FEASIBILITY STUDY OVERVIEW

PRODUCTION

Mine Life	22 years		
Daily Mill Throughput	50,000 tpd		
Annual Mill Throughput	18.3Mt/year		
Avg. Annual Metal Production (Payable)	Gold	Copper	Silver
	(koz)	(Mlbs)	(koz)
Years 1-5	256.2	16.1	475.2
Years 6-22	241.2	17.7	438.3
Life of Mine	244.6	17.3	446.4
Proven & Probable Reserves	380 Mt containing 7.26 Moz AuEq		
	(6.02 Moz Au, 484 Mlbs Cu, 12.2 Moz Ag)		
Proven & Probable Average Grades	0.59 g/t AuEq		
	(0.49 g/t Au, 0.058% Cu, 1.0 g/t Ag)		
Strip Ratio	3.1:1		
Avg. LOM Gold/Copper/Silver Recoveries	92.7% / 91.8% / 91.9%		

ECONOMICS

Base Case (Au: \$1,975/oz; Cu: \$4	.05/lb; Ag: \$23/oz)
After-tax NPV _{5%}	\$884 million

After-tax IRR 14% **Payback** 5.7 years

April 2024 avg. Case

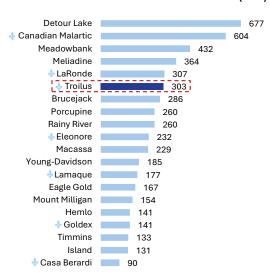
(Au: \$2,332/oz; Cu: \$4.30/lb; Ag: \$27.50/oz)

After-tax NPV _{5%}	\$1,553 million
After-tax IRR	19.5%
Payback	4.7 years

COST METRICS

Initial Capital Expenditure	\$1,074 million
Sustaining Capital Expenditure	\$276.6 million
All-in-sustaining-cost (life-of-mine) ¹	\$1,109/oz

6TH IN ANNUAL GOLD PRODUCTION (Koz)

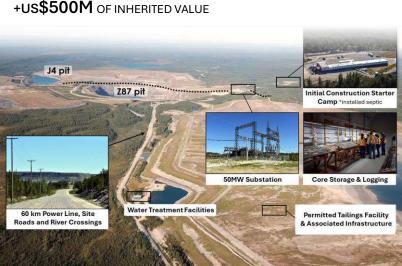


2ND LOWEST AISC IN CANADA (US\$/oz)



MINE SITE LAYOUT FUEL FARM **PROCESS** PLANT EXISTING 161kV 7km OF NEW 14m WID

INFRASTRUCTURE: +US\$500M of INHERITED VALUE



Qualified Person

This fact sheet reflects the technical information presented in the May 14, 2024, press release. Nicolas Guest, P.Geo., Exploration Manager at Troilus Gold, and Kyle Frank, P.Geo., VP Exploration at Troilus Gold, both of whom are Qualified Persons as defined by NI 43-101, have reviewed and approved the written disclosure in this presentation.

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