



# Gold79 Mines

Demonstrating the Large-Scale  
Potential at Gold Chain

TSX.V: AUU OTCQB: AUSVF

July 2024

# Safe Harbour Statement

Gold79 Mines Ltd. (“Gold79” or the “Company”) is a reporting issuer whose common shares are listed on the TSX Venture Exchange (AUU) and the OTCQB Exchange (AUSVF).

Information set forth in this presentation involves forward-looking statements, including but not limited to comments regarding timeline, predictions and projections. This presentation may contain forward looking statements that are made as of the date hereof and are based on current expectations, forecasts and assumptions. All such statements are made pursuant to the ‘safe harbour’ provisions of, and are intended to be forward-looking statements under, applicable Canadian securities legislation. Any statements contained herein that are statements of historical facts may be deemed to be forward-looking statements. By their nature, forward-looking statements require Gold79 to make assumptions and are subject to inherent risks and uncertainties. In this context, forward-looking statements often address expected future business and financial performance, and often contain words such as "anticipate", "believe", "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions. By their nature, forward looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors involve risks and uncertainties associated with Gold79’s business including; the uncertainties related to the COVID-19 pandemic; the need for additional financing; the uncertainty as to whether further exploration will result in the target(s) being delineated as a mineral resource; operational risks associate with mineral exploration; capital expenditures; operating costs; mineral resources, recovery rates, grades and prices, estimated goals, expansion and growth of the business and operations, plans and references to Gold79’s future successes with its business and the economic environment in which the business operates; fluctuations in commodity prices; title matters. Readers of this presentations are cautioned not to place undue reliance on Gold79’s forward-looking statements as a number of factors could cause actual results or conditions to differ materially from current expectations. Please refer to the risks set forth in Gold79’s most recent annual financial statements and management’s discussion and analysis (MD&A) and Gold79’s continuous disclosure documents that can be found on SEDAR at [www.sedar.com](http://www.sedar.com). Forward-looking statements are made based on management’s beliefs, estimates and opinions on the date that statements are made and the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates and opinions or other circumstances should change, except as required by applicable securities laws. Investors are cautioned against attributing undue certainty to forward-looking statements.

The qualified persons have not verified the historical analytical data and procedures of previous operators related to drill hole intercepts from any of the projects identified in this presentation. There are no current resource estimates in respect of any of the projects identified in this presentation. No assurances can be made that exploration targets on any of the projects identified in this presentation will be developed into resources or reserves. Except as noted, the technical information provided in this presentation has been reviewed and approved Robert Johansing, P.Geol., as a “qualified person” under National Instrument 43-101 Standards for Disclosure of Mineral Projects.

# Why invest in AUU?

*Focused on Demonstrating the Near-Term Resource Potential of Gold Chain*



## Multi-Million Ounce Potential

Recent drilling, geochemistry and geophysics suggest that Gold Chain has the potential to deliver a significant resource



## Short Path to Maiden a Resource

Work to date, suggest the potential for a high-grade at surface resource with minimal additional work



## Strong Insider Ownership

Management and Directors own **21.3%** of the company



## Multiple Projects to Create Value

Expect to be drilling at our Jefferson Canyon project (Nevada) with our partner Kinross in 2024

# Going Forward

## *What to Expect from Gold79*



### **Gold Chain**

- Systematic trenching over the ~1km strike of Tyro Main Zone – **results pending**
- Select diamond drilling at Tyro Main Zone and Extensions
- Infill RC drilling at Tyro Main Zone



### **Jefferson Canyon (partnered with Kinross)**

- Receipt of permits for initial drill program
- Maiden drill program



### **Tip Top**

- Continue evaluating strategic options



# 3 Walker Lane Gold Projects

**TIP TOP**

**JEFFERSON CANYON**

**GOLD CHAIN**

**WALKER LANE GOLD TREND**  
Epithermal gold/silver belt - Oligocene to Miocene age (25 Ma-12 Ma)

## WALKER LANE DEPOSITS

- 1 **Comstock** 8.3M oz Au Historic Production
- 2 **Denton-Rawhide** 1.7M oz Au Historic Production
- 3 **Paradise Peak** 1.6M oz Au Historic Production
- 4 **Round Mountain** 15M Produced & 3.1M oz Au P+P
- 5 **Bodie** 1.69M oz Au P+P & Inf
- 6 **Aurora** 1.9M oz Au Historic Production
- 7 **Tonopah** >5M oz in ore (Au-Ag Predominant)
- 8 **Goldfield** 3.9M oz Au In-Situ Reserve
- 9 **Bullfrog** 2.3M oz Au Historic Production
- 10 **Castle Mountain** 4.33M oz Au M&I

**>1M oz Gold**  
(resources + production)

# Gold Chain

Arizona



For a virtual tour of Gold Chain click here:  
<https://www.youtube.com/watch?v=jbbtqC5wmG8&t=9s>



# GOLD79 MINES G9

Pyramid Mine  
 Katherine Mine  
 Banner Mine  
 Tyro Mine  
 Sugarloaf Mtn.

**Numerous known gold showings and historic workings throughout the district**

Drilling highlighted by:

- 51.09 g/t Au over 9.1m**  
GC23-28 – Tyro
- 2.01 g/t Au over 44.2m**  
GC23-23 – Tyro
- 10.68 g/t Au @ 3.1m**  
GC21-08 – Banner

ARIZONA SILVER  
**PHILADELPHIA PROJECT**

**FRISCO MINE**

## Why Gold Chain?

**A large-scale low-sulfidation epithermal gold system in the Oatman District and is part of the North Oatman Trend**

Active district with 2 operating mines and multiple active exploration programs

The Gold Chain Project is comprised of 15 patented claims, covering approximately 282 acres and 379 lode claims on BLM land comprising about 7,480 acres (3,027 Ha)

ELEVATION GOLD MINING CORP.

NORTHERN LIGHTS  
**SECRET PASS PROJECT**

**MOSS MINE**

**GOLD ROAD MINE**



# Gold Chain Project

Multi-Kilometre Scale Targets - Geology

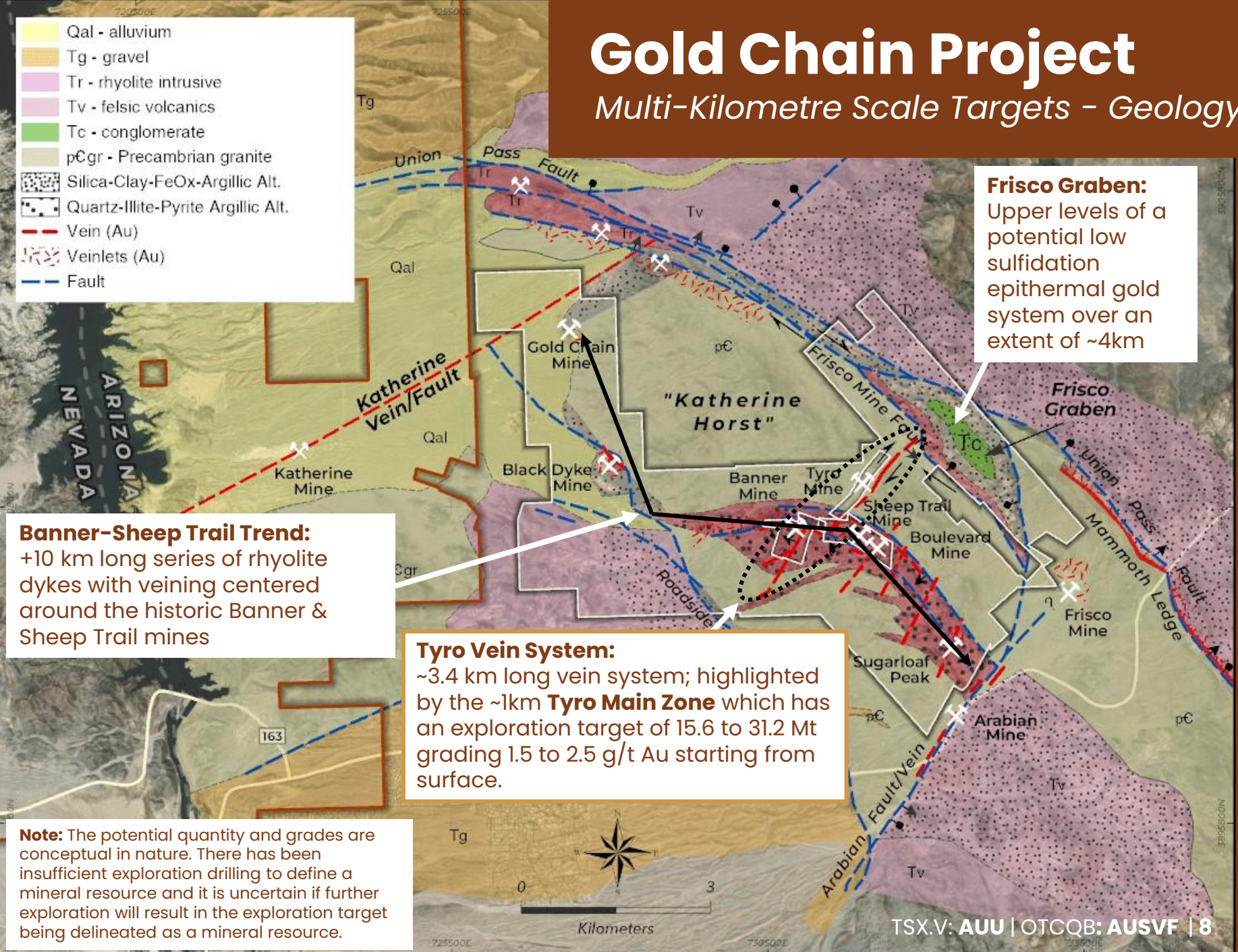
- Qal - alluvium
- Tg - gravel
- Tr - rhyolite intrusive
- Tv - felsic volcanics
- Tc - conglomerate
- pCgr - Precambrian granite
- Silica-Clay-FeOx-Argillic Alt.
- Quartz-Illite-Pyrite Argillic Alt.
- Vein (Au)
- Veinlets (Au)
- Fault

**Frisco Graben:**  
Upper levels of a potential low sulfidation epithermal gold system over an extent of ~4km

**Banner-Sheep Trail Trend:**  
+10 km long series of rhyolite dykes with veining centered around the historic Banner & Sheep Trail mines

**Tyro Vein System:**  
~3.4 km long vein system; highlighted by the ~1km **Tyro Main Zone** which has an exploration target of 15.6 to 31.2 Mt grading 1.5 to 2.5 g/t Au starting from surface.

**Note:** The potential quantity and grades are conceptual in nature. There has been insufficient exploration drilling to define a mineral resource and it is uncertain if further exploration will result in the exploration target being delineated as a mineral resource.



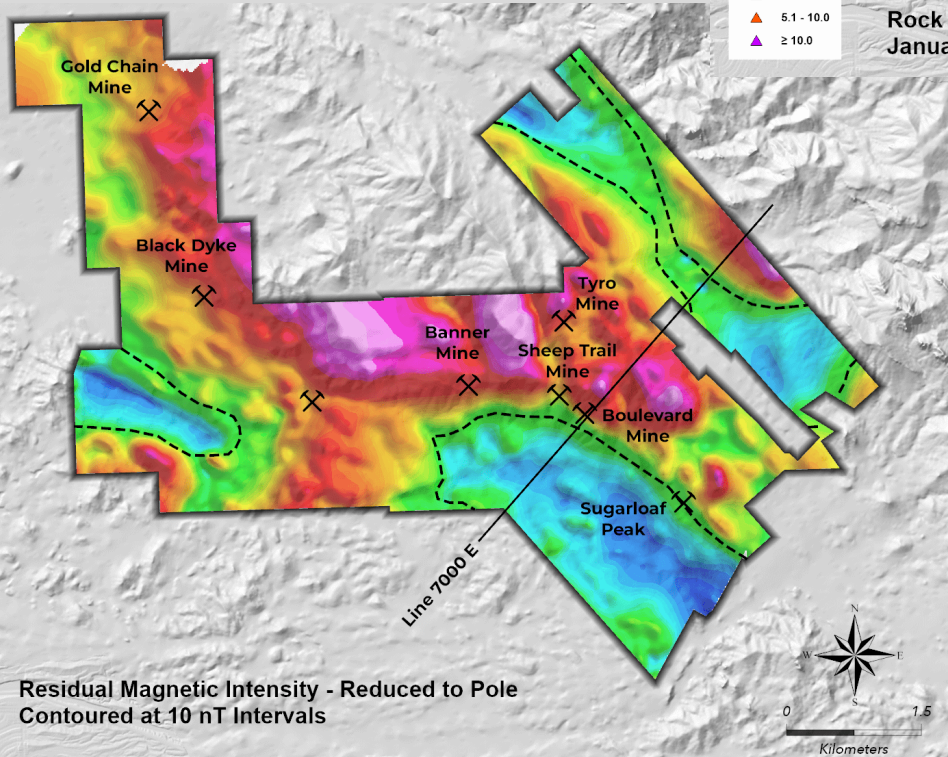
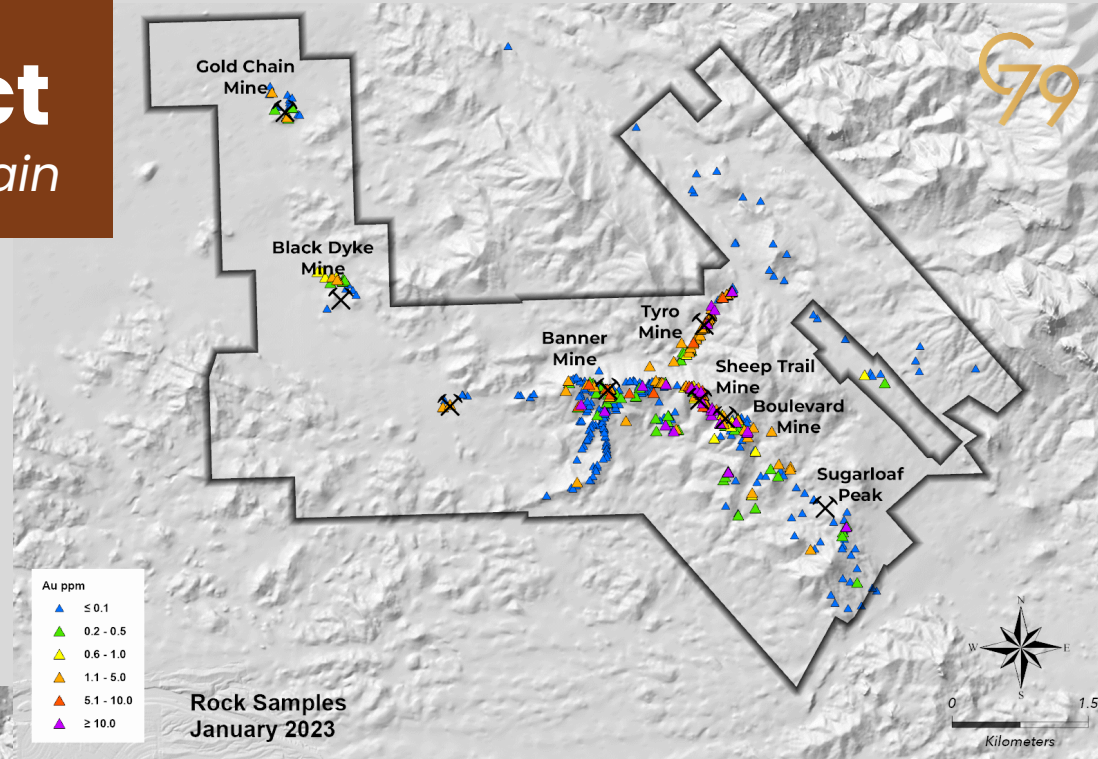


# Gold Chain Project

## Scientific Approach to Gold Chain

Over the last ~3 years Gold79 has taken a scientific approach to Gold Chain.

- Reviewed historic data – identified ~400 historic drill holes away from the property core; found data for ~100
- Completed initial mapping and sampling on the western portion of the property – expanded the land package east and completed deals on 3 sets of patented claims.



- Further field work identified multiple large-scale targets including the Tyro Vein System, Banner-Sheep Trail Trend and Frisco Graben
- Work completed to date includes:
  - 2,024m of drilling (2 programs)
  - 704 samples
  - Property wide magnetics and radiometrics survey (1,372 line km)
- Result is the definition of an Exploration Target at Tyro Main Zone, with upside at the other large-scale targets

# Tyro Vein System

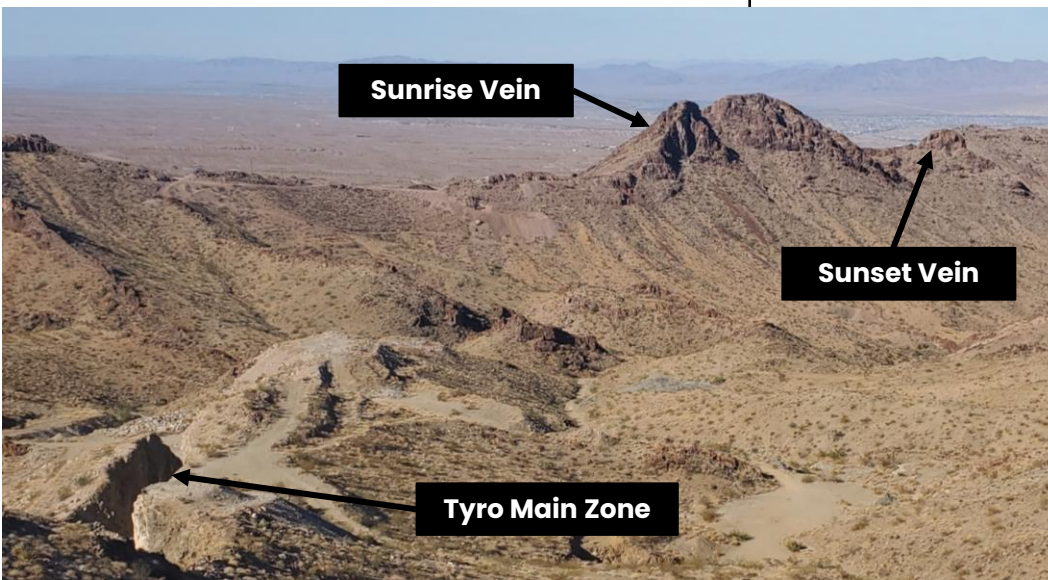
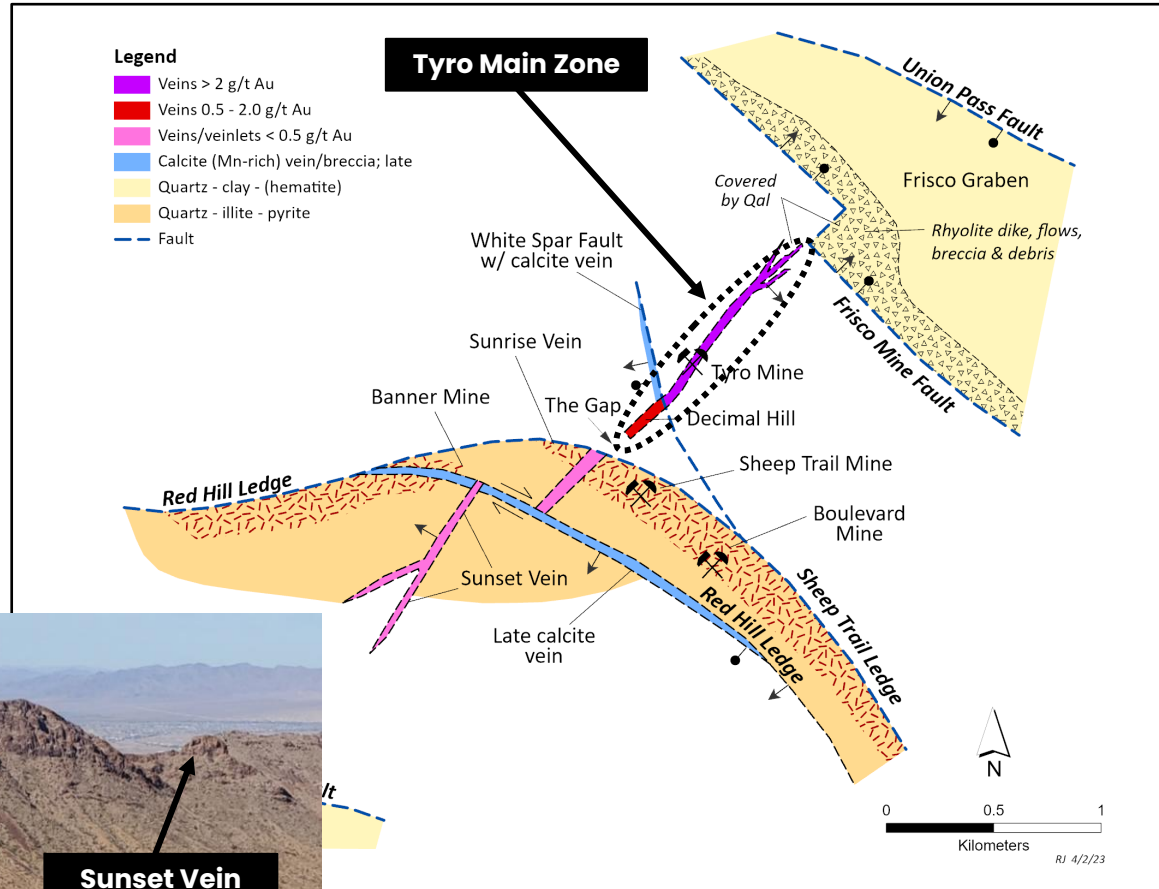
*Evolving into a Large-Scale Target*

Approximately 800m of strike now demonstrated by drilling.

Recent drilling focused on the Tyro Main Zone – clearest visibility on an initial resource

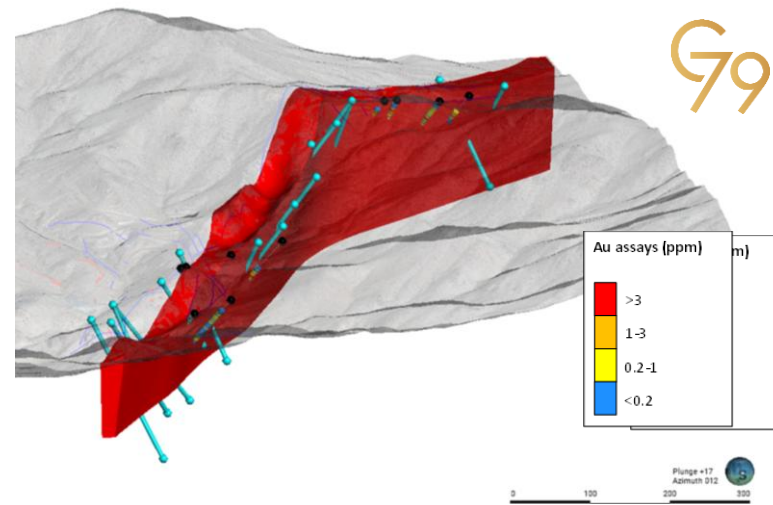
Mapping and Sampling has identified three segments totaling ~3.4km of strike length for Tyro:

- Tyro (~1.4km)
- Sunrise Vein (~0.8km)
- Sunset Vein (~1.2 km)



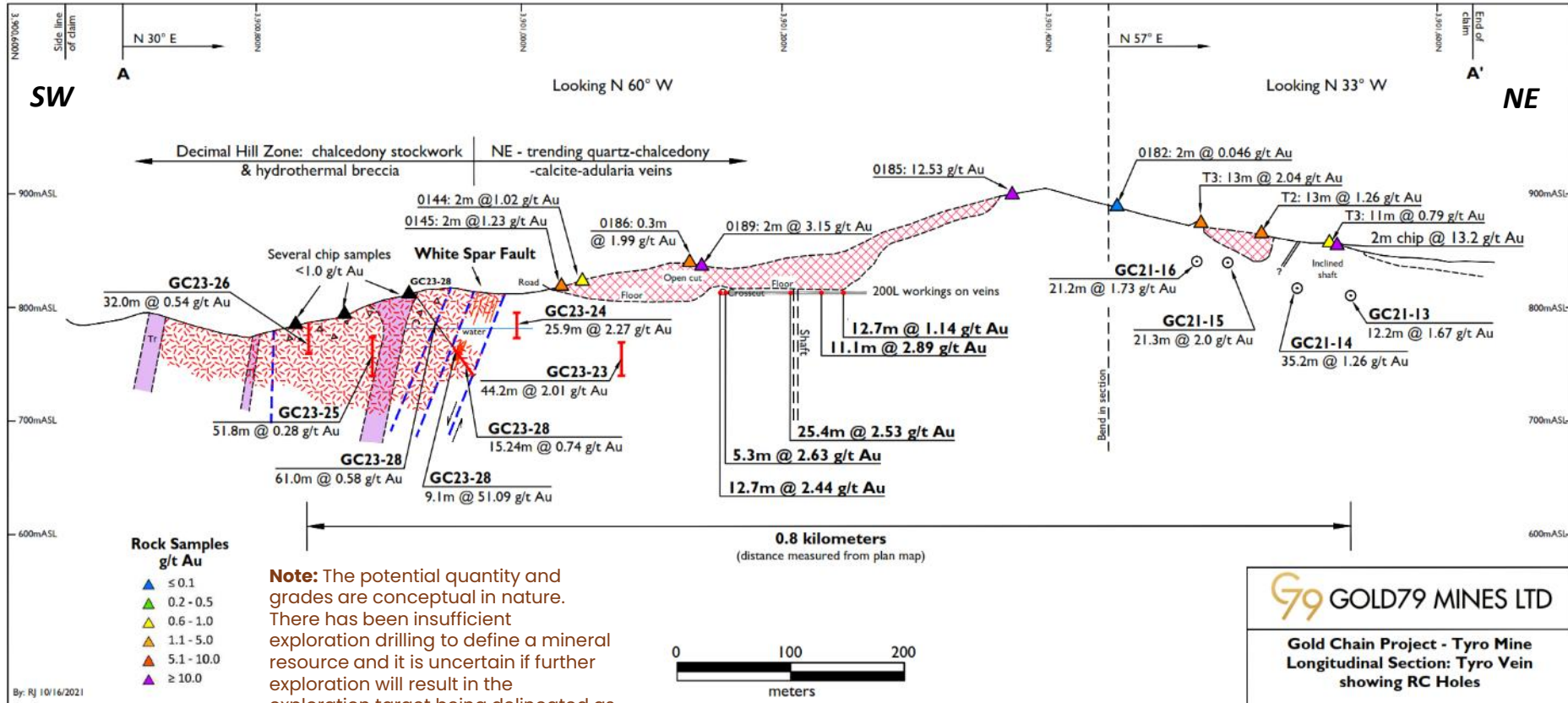
# Tyro Main Zone

## Exploration Target



### Tyro Main Zone Exploration Target:

- 15.6 to 31.2 Mt grading 1.5 to 2.5 g/t Au
- Based on 685.7m of drilling along with surface sampling (95 samples), sampling of underground workings (56 samples) & detailed mapping.
- Target is 1,000m along strike, to a depth of 300m with widths based on drilling and mapping
- High-grade zone intersected in GC23-28 but significance requires additional drilling – excluded from the exploration target

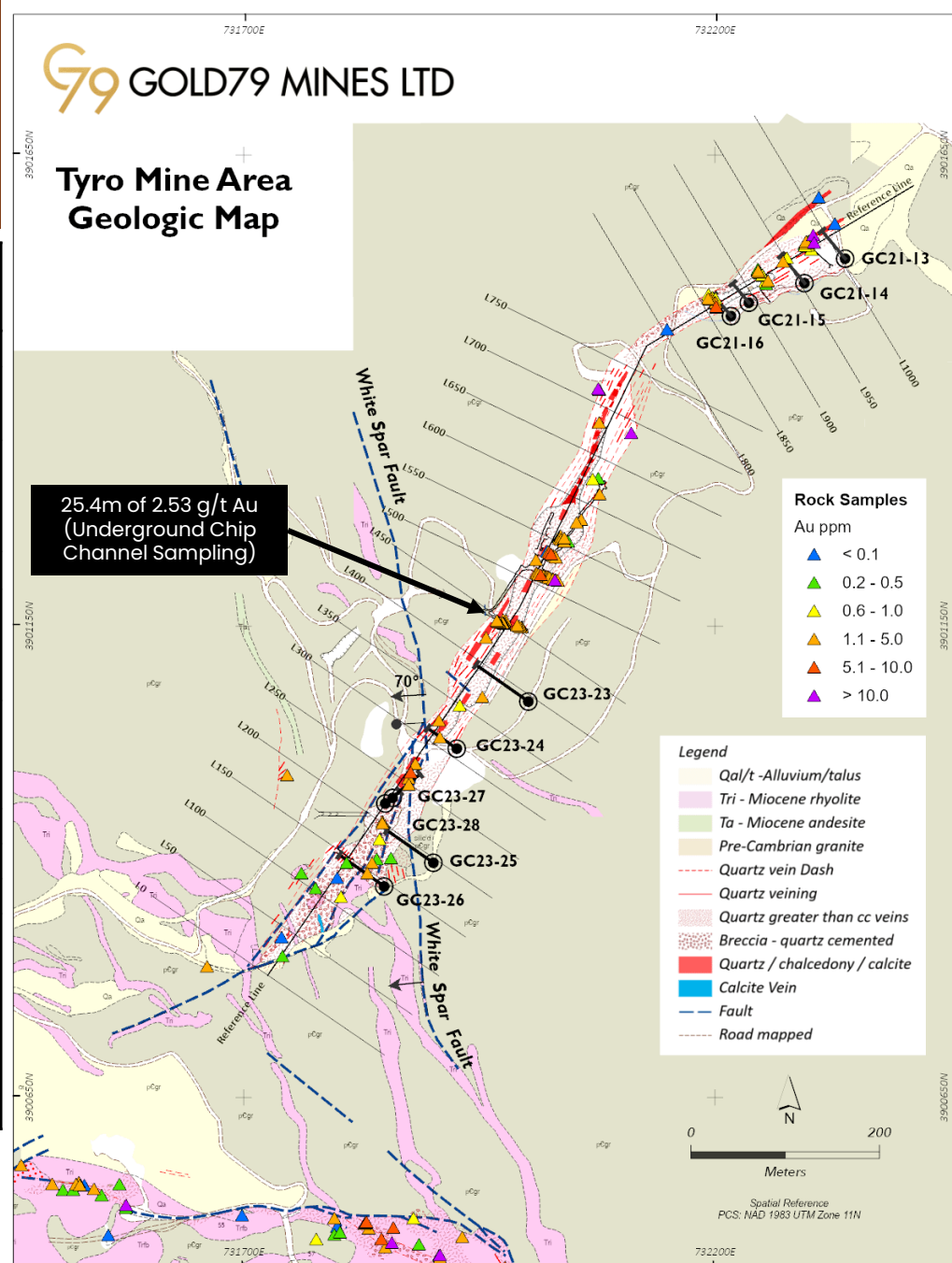


# Tyro Main Zone

## Select Drill Results

Hole No.	Interval (m)		Width (m)*	Gold (g/t)
	From	To		
GC21-13	32	44.2	12.2	1.7
GC21-14	18.1	53.3	35.2	1.3
	<i>including</i>	29	48.8	19.8
GC21-15	<b>10.7</b>	<b>32</b>	<b>21.3</b>	<b>2.0</b>
	<i>including</i>	13.7	21.3	7.6
	<i>including</i>	19.8	21.3	1.5
GC21-16	18.3	30.5	12.2	1.7
		<b>57.9</b>	<b>102.1</b>	<b>44.2</b>
GC23-23	<i>including</i>	62.5	67.1	4.6
	<i>including</i>	85.3	93.0	7.6
		<b>18.3</b>	<b>44.2</b>	<b>25.9</b>
GC23-24	<i>including</i>	18.3	25.9	7.6
	<i>including</i>	42.7	44.2	1.5
GC23-25	24.4	76.6	51.8	0.28
GC23-26	3.0	35.0	32.0	0.54
GC23-27	0.0	18.3	18.3	0.13
		0.0	85.3	6.23
	<i>including</i>	0.0	61.0	0.58
GC23-28	<b>including</b>	<b>61.0</b>	<b>70.1</b>	<b>9.1</b>
	<i>including</i>	65.5	68.6	3.1
	<i>including</i>	65.5	67.1	1.5
	<i>including</i>	70.1	85.3	15.2
				<b>0.74</b>

\*Reported mineralized intervals are downhole widths. True widths have not been determined at this time.



# Tyro Main Zone

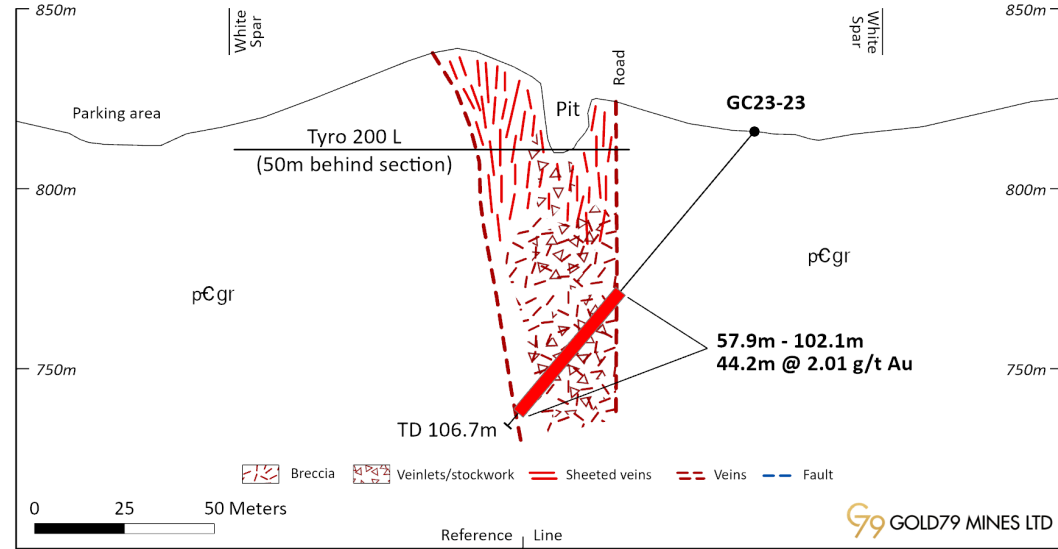
## Holes GC23-24 & GC23-24



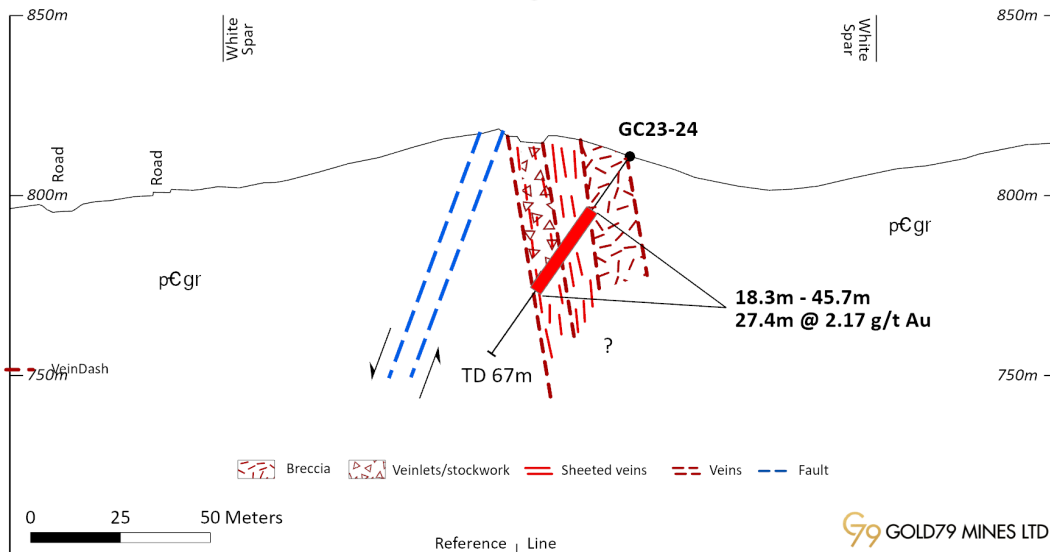
Hole No.	Interval (m)		Width (m)*	Gold (g/t)
	From	To		
GC23-23	including	62.5 - 67.1	4.6	5.19
	including	85.3 - 93.0	7.6	4.26
GC23-24	including	18.3 - 25.9	7.6	3.93
	including	42.7 - 44.2	1.5	14.53

\*Reported mineralized intervals are downhole widths. True widths have not been determined at this time.

Tyro Vein System - Section L400  
Looking N35°E



Tyro Vein System - Section L300  
Looking N35°E



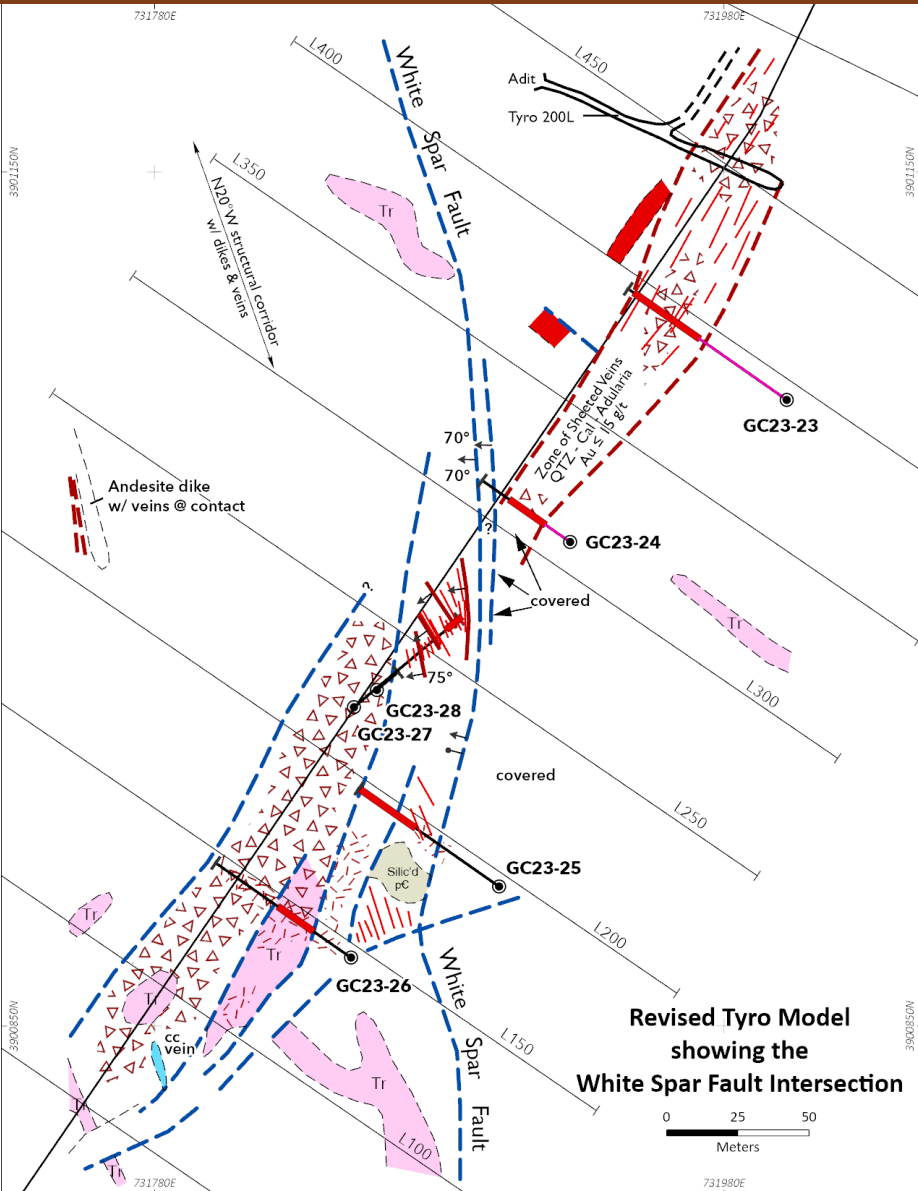
# Tyro High-Grade Zone

GC23-28

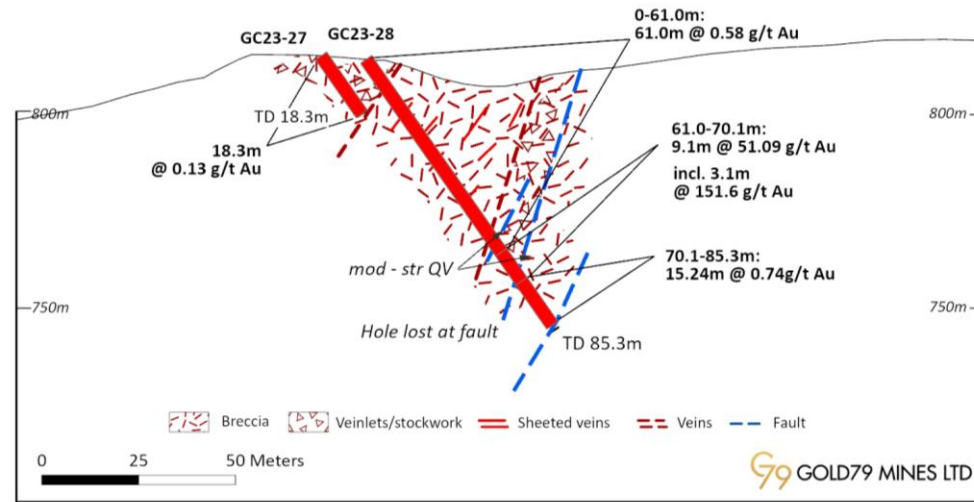


Hole No.	Interval (m)		Width (m)*	Gold (g/t)	
	From	To			
GC23-28		0.0	85.3	85.3	6.23
	including	0.0	61.0	61.0	0.58
	<b>including</b>	<b>61.0</b>	<b>70.1</b>	<b>9.1</b>	<b>51.09</b>
	including	65.5	68.6	3.1	151.60
	including	65.5	67.1	1.5	282.00
	including	70.1	85.3	15.2	0.74

\*Reported mineralized intervals are downhole widths. True widths have not been determined at this time.



Tyro Vein System - Section thru GC23-27 & 28 Looking N40°W



GC23-28 was drilled perpendicular to all other holes at Tyro to test a set of veins associated with the cross cutting White Spar Fault

Results returned a higher-grade zone, with large lower grade intervals on either side

# Path to an Initial Resource

## Tyro Main Zone



The Tyro Main Zone has demonstrated the best potential to develop the first resource at Gold Chain Project

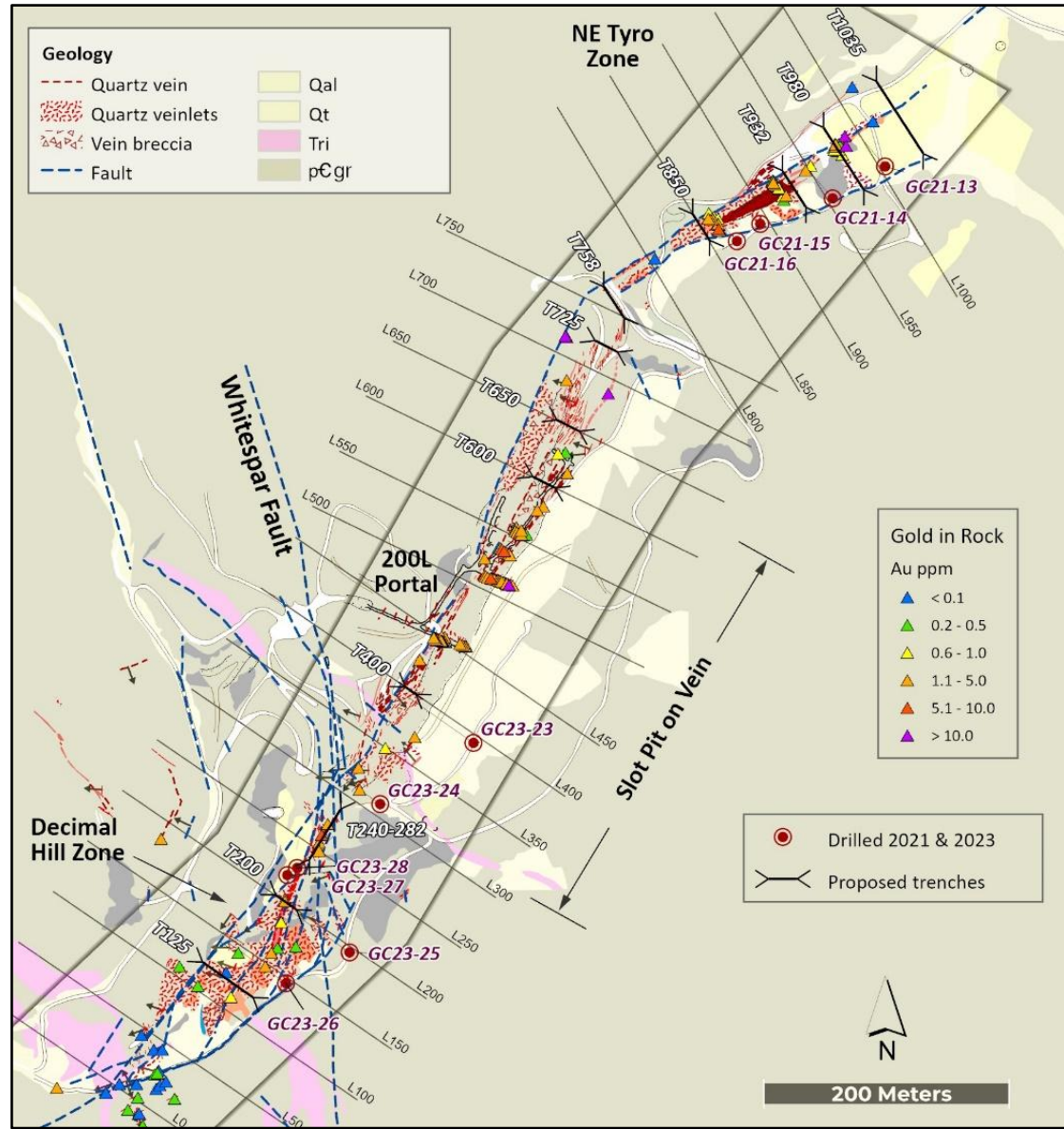
Gold79 believes that to define a maiden resource at the Tyro Main Zone to a depth of approximately 150m the following work is required:

1. Trenching – 12 trenches (~400 m)
2. Core Drilling – 750 to 1,250m
3. RC Drilling – 1,500 to 2,500m

Each step will build on the previous one with final metreage of both RC and core drilling to be determined after the prior step.

The potential quantity and grade estimated for the Tyro Main Zone Exploration Target is conceptual in nature, and there has been insufficient exploration completed to date to define a mineral resource. It is uncertain if further exploration will result in the Tyro Main Zone Exploration Target being delineated as a mineral resource.

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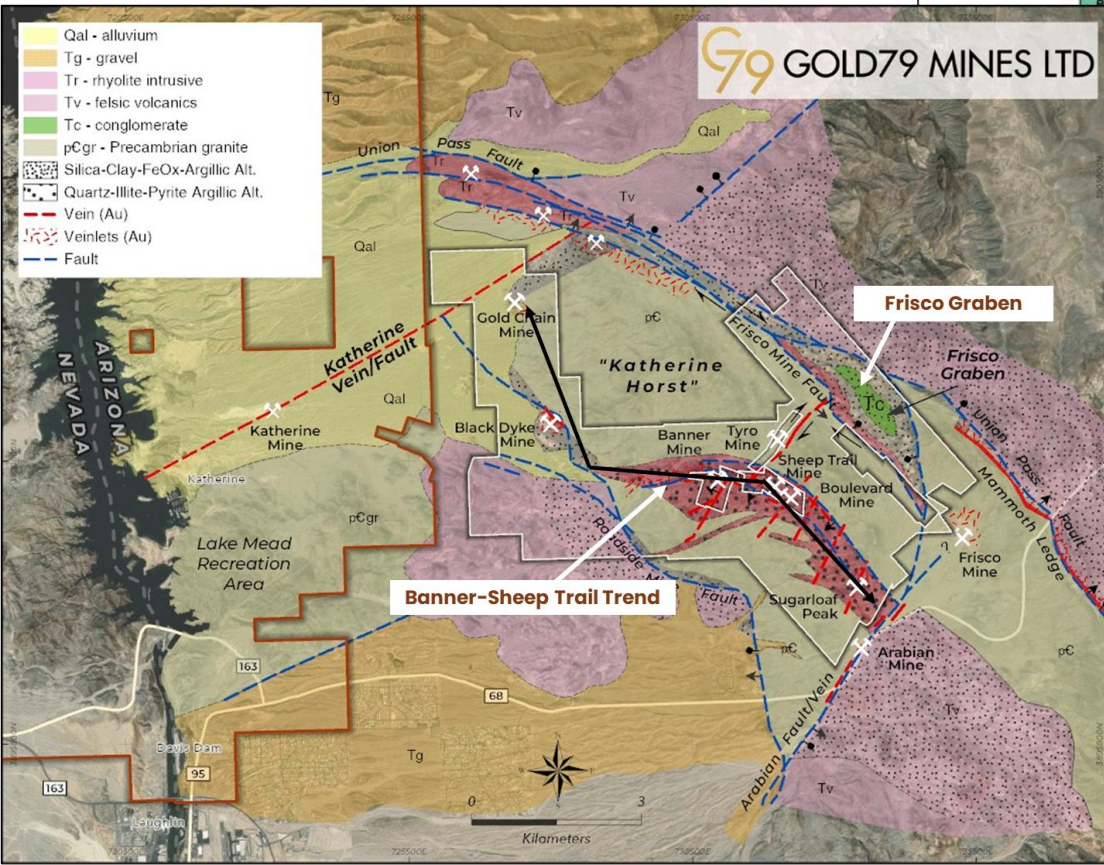
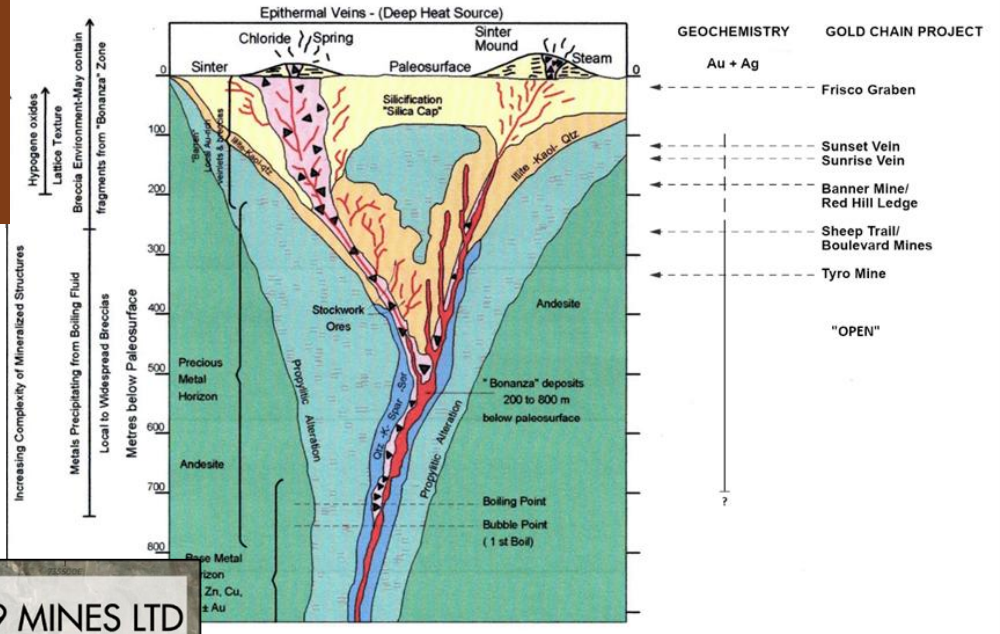


# Gold Chain Project

## Upside Beyond Tyro

### Banner Sheep Trail Trend:

- +10 km long series of rhyolite dykes with veining centered around the historic Banner & Sheep Trail mines
- Sampling has returned multiple high-grade samples along the trend.
- Next Steps – trenching plus mapping & sampling around the Sheep Trail & Boulevard mines



### Frisco Graben:

- Upper levels of a potential low sulfidation epithermal gold system over an extent of ~4km
- Sampling has returned anomalous gold over the entire target
- Geophysics indicates a sizeable magnetic low over the target
- Next Steps – CSAMT survey over the portion of the Graben





# JEFFERSON CANYON

# Jefferson Canyon

*Nevada*



# Why Jefferson Canyon?

Gold Hill Mine

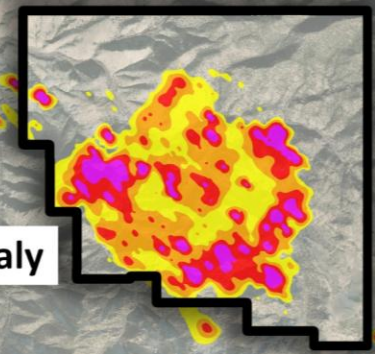
- Drill hole GJ-81 returned an impressive 41.2m of 6.4 g/t Au and 402 g/t Ag
- 145 historic drill holes plus follow-up geochemical and geophysical exploration work has defined an "Exploration Target" of 40 to 200 million tonnes at grades of 0.5 to 0.7 g/t Au and 20 to 30 g/t Ag

20 m oz Au Deposit  
Round Mountain Mine

7 km

Au - Ag Project  
Jefferson Canyon

Gold-in-Soil Anomaly



- The project covers 477 hectares (57 claims) and contains a large volcanic-hosted epithermal Au-Ag system
- Both Jefferson and Round Mtn are hosted in the same age of felsic ash-flow tuffs along the margins of calderas and both contain a strong structural control to mineralization

• Jefferson Canyon Project video:  
<https://www.youtube.com/watch?v=oNAP3s7eIZ4>

**Note:** The potential quantity and grades are conceptual in nature. There has been insufficient exploration drilling to define a mineral resource and it is uncertain if further exploration will result in the exploration target being delineated as a mineral resource.

*Note: The QP has not completed sufficient work to verify the historical information on the properties, particularly in regard to historical drill results.*

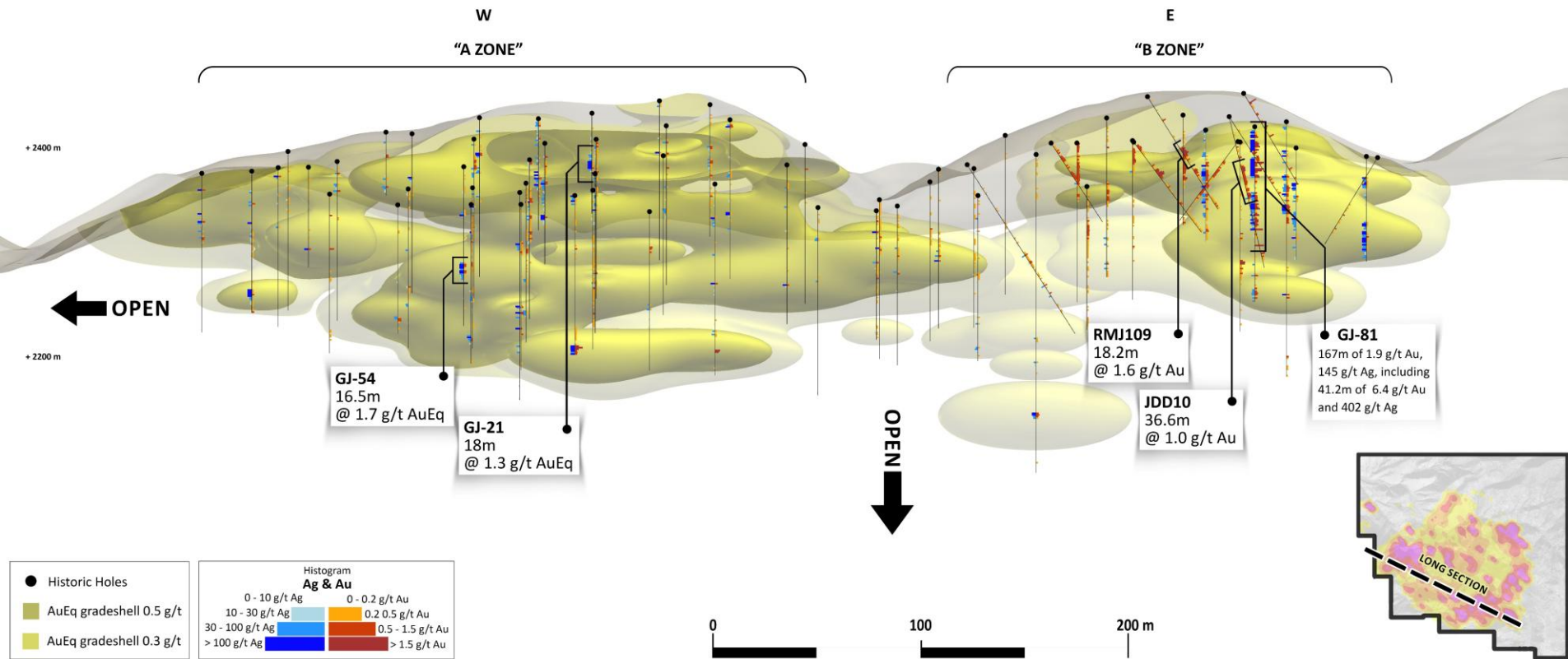
# Kinross Exploration & Option Agreement

## The terms of the Agreement include:

- ✓ Initial cash payments and cost reimbursements from Kinross totaling US\$50,000.
- ✓ A commitment to purchase up to 9.9% of the issued and outstanding shares of Gold79 on a partially diluted basis (for no greater than US\$200,000).
- ✓ Kinross will make ongoing lease payments of US\$75,000 per year for the term of the agreement, the first payment of which is due within 30 days of closing.
- Kinross is required to spend US\$600,000 in exploration work and will be responsible for making the payments to keep the unpatented claims in good standing.
- During the term of the agreement, Kinross has the option to acquire 70% of the project for a cash payment of US\$5,000,000 to Gold79 and form a joint venture LLC, and a second option to acquire an additional 10% of the project for a further payment of US\$5,000,000 to Gold79.
- The term of the Agreement is four years commencing from receipt of the pending drill permit, with a potential extension of up to two years, subject to certain conditions.
- If an LLC is formed, in the event that either party is diluted below 10%, its interest converts to a 1% net smelter returns (NSR) royalty.

# Jefferson Canyon Long Section

Section along the Jefferson Canyon Fault showing historic drilling and the 0.3 g/t & 0.5 g/t AuEq grade shell



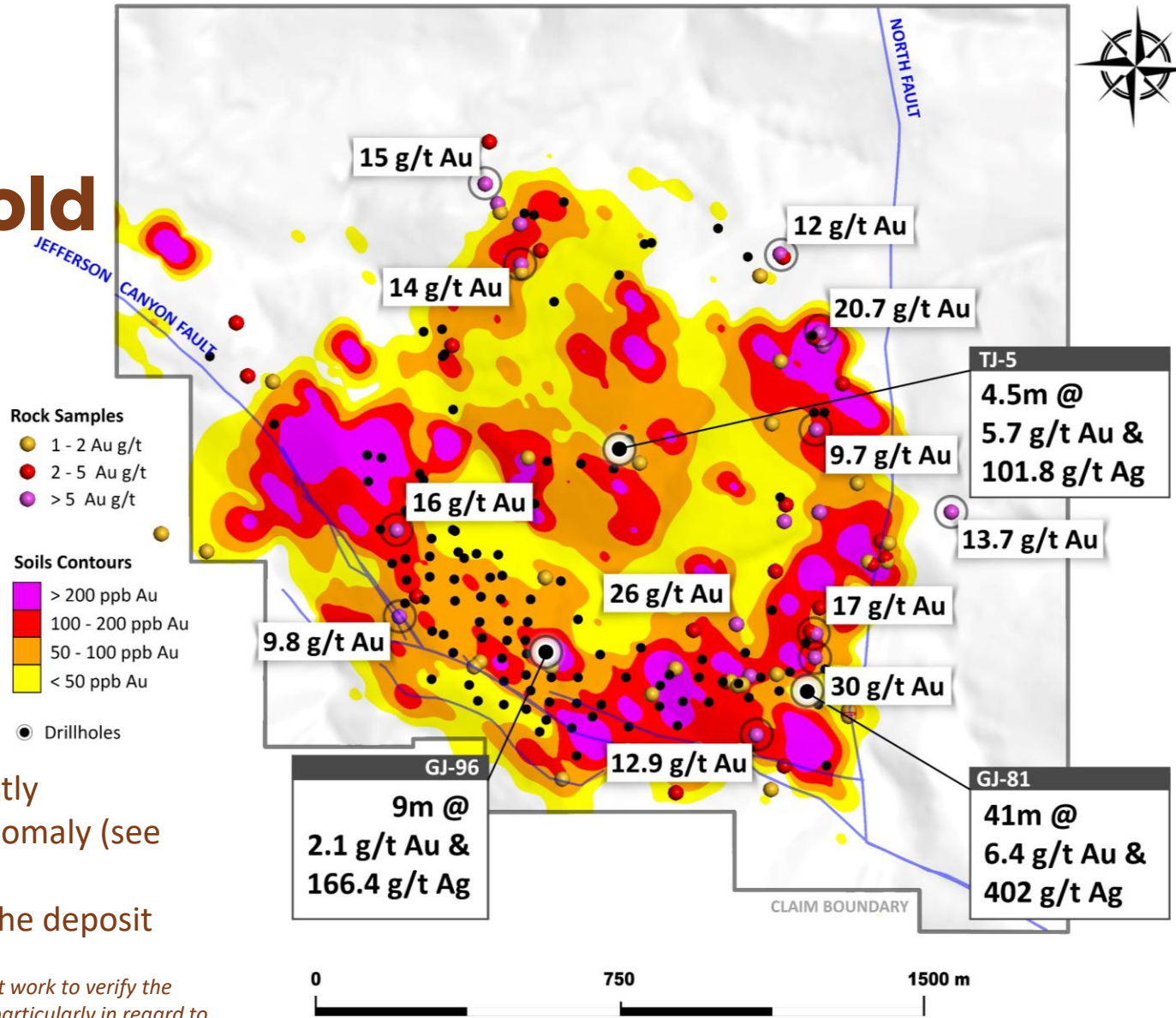
Mineralization has been traced for almost 2km along the Jefferson Canyon fault both in a combination of drilling and surface samples

*Note: The QP has not completed sufficient work to verify the historical information on the properties, particularly in regard to historical drill results.*

Gold equivalent (AuEq) grade calculated using gold (Au) and silver (Ag) assays, assuming recoveries of 80% for gold and silver, and a gold:silver price ratio of 75:1.



# Jefferson Canyon Gold in Soils



Historic drilling was mostly confined to the silver anomaly (see next page) providing an opportunity to expand the deposit

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# Tip Top

Nevada

TIP TOP





# Why Tip Top?

## BOREALIS MINE

500,000 oz Gold  
1.5 M oz Silver



## AURORA MINE

1.9 M oz Gold

HECLA MINING

## CANDELARIA MINE

40,000 oz Gold  
68 M oz Silver



SILVER ONE  
RESOURCES

## TIP TOP GOLD-SILVER PROJECT



## GOLD79 MINES G79

Las Vegas 325km

## MINERAL RIDGE MINE

575,000 oz Gold

SCORPIO GOLD

- Contains a low-sulphidation epithermal Au-Ag vein system on a 1,196-hectare (143 claim) land package
- Previous drilling has returned impressive results at this historic past-producing mine
- Recent work has identified a +5km gold-in-soil anomaly

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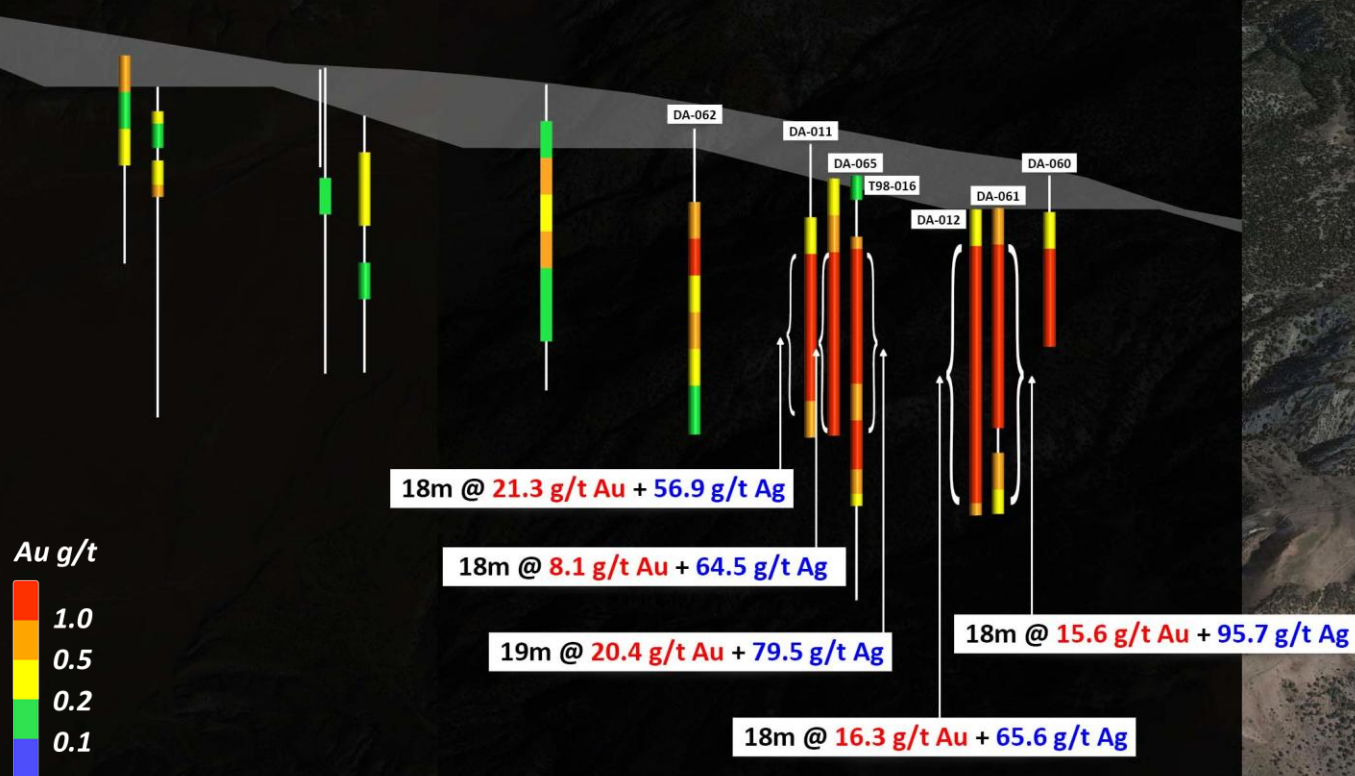


# Tip Top

## Au-Ag Project

### 154 historical drill holes completed by past operators

- TTD-02 returned 2.44m of 19.82 g/t Au from 20.20m (Hecla 2001)
- TTD-04 returned 2.59m of 7.89 g/t Au from 32.00m (Hecla 2001)
- T98-12 returned 4.57m of 16.31 g/t Au from 28.97m (Dos Amigos 1998)
- T98-14 returned 9.14m of 14.42 g/t Au from 21.34m (Dos Amigos 1998)



Note: The QP has not completed sufficient work to verify the historical information on the properties, particularly in regard to historical drill results.

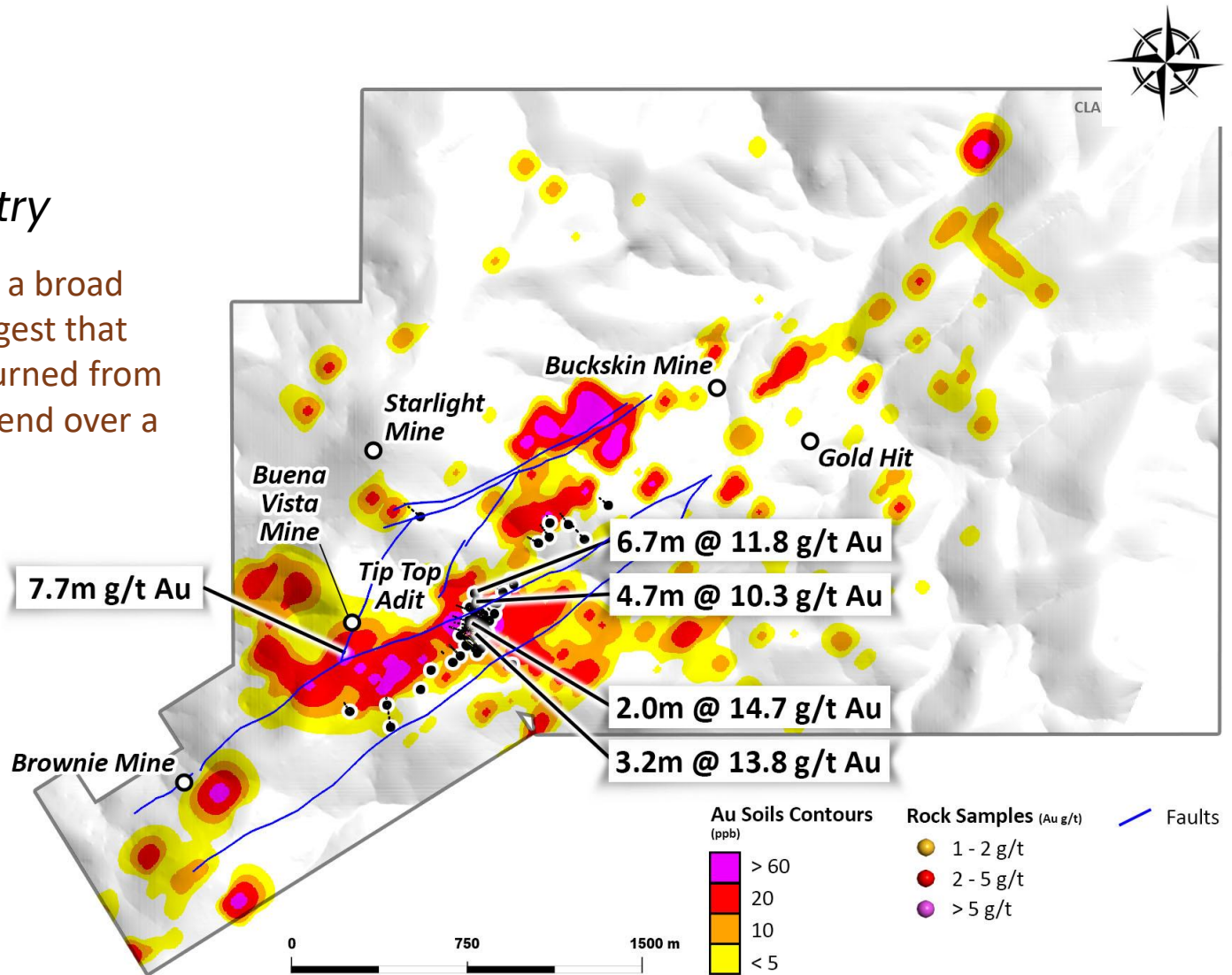




# Tip Top

## Gold-in-Soil & Rock Geochemistry

High-level alteration and a broad gold-in-soil anomaly suggest that the high-gold grades returned from historic drilling could extend over a much larger area



# Going Forward

## *What to Expect from Gold79*



### **Gold Chain**

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- Select diamond drilling at Tyro Main Zone and Extensions
- Infill RC drilling at Tyro Main Zone



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## Short Path to Maiden a Resource

Work to date, suggest the potential for a high-grade at surface resource with minimal additional work



## Strong Insider Ownership

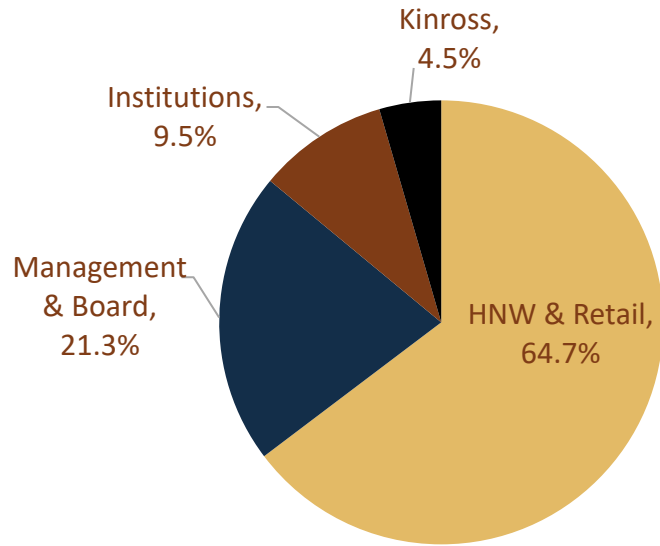
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## Multiple Projects to Create Value

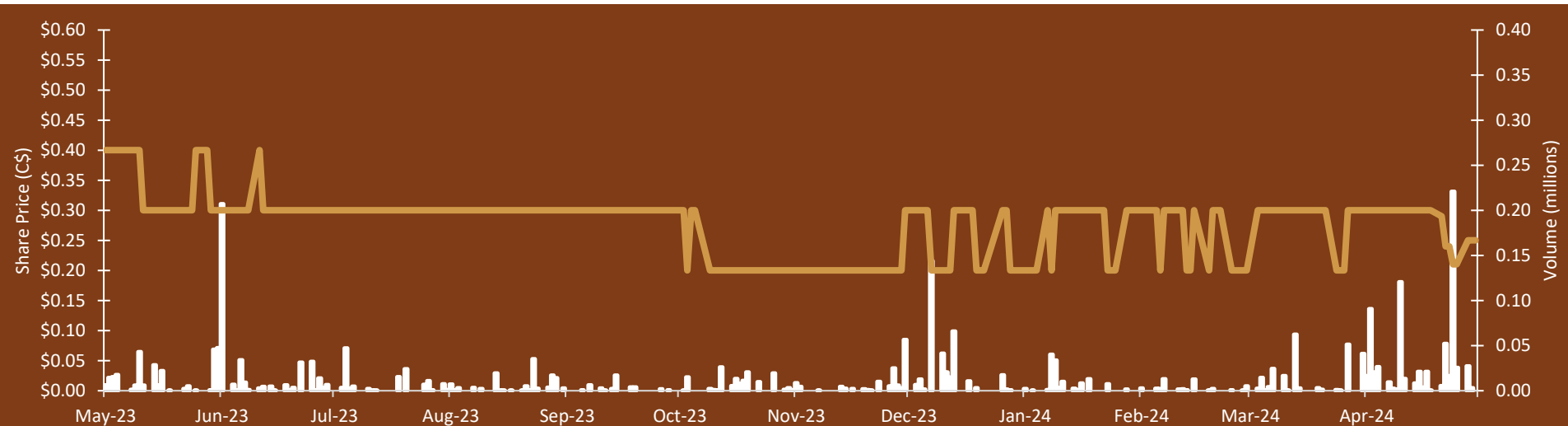
Expect to be drilling at our Jefferson Canyon project (Nevada) with our partner Kinross in 2024

# Capital Market Profile



Ticker	TSXV: <b>AUU</b> , OTCQB: <b>AUSVF</b>
Closing Price (as of June 26, 2024)	C\$0.24
52-Week Trading Range	C\$0.15 – C\$0.40
<b>Shares Outstanding (Basic)</b>	<b>22.0M</b>
Options <sup>1</sup>	1.1M
Warrants <sup>2</sup>	6.8M
Shares Outstanding (Fully Diluted)	30.0M
Market Capitalization (Basic)	C\$5.2M
Cash Balance <sup>3</sup>	~C\$0.7M
Debt <sup>3</sup>	0

1. Includes 1,135,000 options with a weighted average exercise price of C\$0.80
2. Includes 6,817,573 warrants with a weighted average exercise price of C\$0.54
3. As of May 3, 2024



# Management



## **Gary R. Thompson, P.Geo.**

### *Executive Chairman & Director*

- Founder, CEO, Chairman of Brixton Metals Corporation (TSXV:BBB)
- Former CEO of Sierra Geothermal Power, sold to Ram Power in 2010
- 27 years experience in resources and capital markets

## **Derek Macpherson, P.Eng**

### *President, CEO & Director*

- +10 years' experience in mining capital markets
- Previously Senior VP, Investment Banking & formerly was a VP, Mining Analyst at Red Cloud
- Prior to capital markets, worked as a metallurgist for six years

## **Robert Johansing, M.Sc.**

### *VP Exploration*

- 45 years experience in mining and mineral development and exploration
- Project manager and President of Kinross El Salvador, S.A. de C.V. (1993–2002)
- Exploration and mining consultant in the Americas (2002 to Present)

## **John McNeice, CA, CPA**

### *CFO & Corporate Secretary*

- Former CFO of Ur-Energy Inc. (TSX: URE) (2004 to 2007)
- CFO of C3 Metals Inc. (TSXV: CCCM) and Lahontan Gold Corp. (TSXV: LG)
- 30 years experience as a Professional Chartered Accountant

# Directors

**Paul Carrelo**, *M.Sc., MBA*

*Independent Director*

- Extensive resource investment, mining and investment banking experience
- Former senior investment professional with Resource Capital Funds
- 14 years in capital markets, primarily in private equity and corporate advisory

**Peter Mercer**, *B.Sc., P.Geo.*

*Independent Director*

- Senior VP Advanced Projects at American Pacific Corp.
- Former VP at Rambler Mining Plc overseeing corporate development, provided technical oversight and served as mine manager
- +20 years of operational and project management experience

# Contacts

**Derek Macpherson,**

*P.Eng., President & CEO*

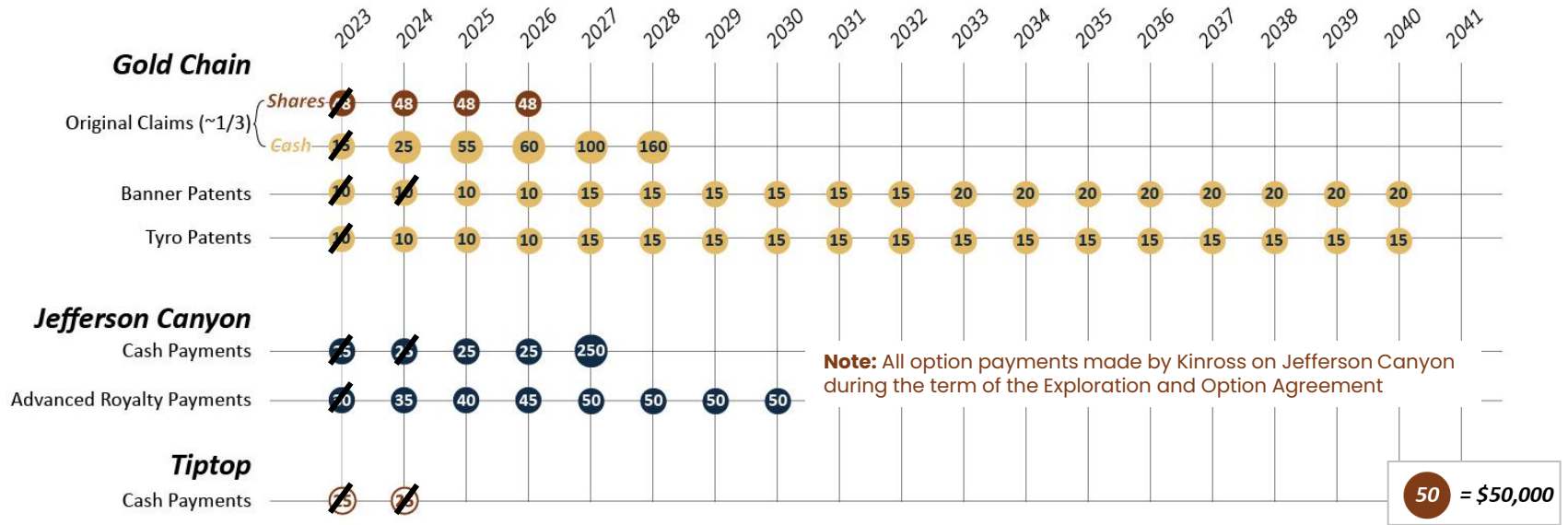
- [DM@gold79mines.com](mailto:DM@gold79mines.com)
- 1-416-294-6713

**Gary R. Thompson,**

*P.Geo., Executive Chairman*

- [GT@gold79mines.com](mailto:GT@gold79mines.com)
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# The path to 100% ownership\*



\* All dollar amounts in US Dollars unless otherwise noted.

## Jefferson Canyon\*

Option to **BUY** the claims at any time for **US\$500,000** on or before March 14, 2032

28 claims are subject to a 3% NSR of which, 2% can be bought back for US\$1M per 1%  
 29 claims are subject to a 3% NSR of which, 2% can be bought back for US\$1M per 1%  
 \*All option payments made by Kinross during the term of the Exploration and Option Agreement

## Tip Top

Vendor retains a 1% net smelter return royalty on the property and the Company is obligated to pay the vendor a cash payment of \$200,000 within 30 days of completion of a bankable feasibility study  
 The Company may purchase the NSR royalty for US\$1M

## Gold Chain

### Banner Patented Claims

Option to **BUY** the claims at any time for **US\$1,500,000**

A 1% NSR covering these claims only.

### Tyro Patented Claims

Option to **BUY** the claims at any time for **US\$500,000**

A 1% NSR covering these claims only. Gold79 has a right of first refusal on the royalty

### Original BLM Claims (~1/3)

A 2% NSR covering these claims only  
 Bonus Payment of \$1.00 per ounce of Gold in any category determined in a compliant PEA