

An ORE-SYSTEMS Approach to Exploring HIGH-GRADE, DISTRICT-SCALE

### **Forward Looking Statements**

Certain statements contained in this presentation constitute "forward-looking information" or "forward-looking statements" (collectively, "forward-looking statements") within the meaning of applicable Canadian and United States securities laws relating to, without limitation, expectations, intentions, plans and beliefs, including information as to the future events, results of operations and the Company's future performance (both operational and financial) and business prospects. In certain cases, forward-looking statements can be identified by the use of words such as "expects", "estimates", "forecasts", "intends", "anticipates", "believes", "plans", "seeks", "projects" or variations of such words and phrases, or state that certain actions, events or results "may" or "will" be taken, occur or be achieved. Such forward-looking statements reflect the Company's beliefs, estimates and opinions regarding its future growth, results of operations, future performance (both operational and financial), and business prospects and opportunities at the time such statements are made, and the Company undertakes no obligation to update forward-looking statements if these beliefs. estimates and opinions or circumstances should change. Forward-looking statements are necessarily based upon a number of estimates and assumptions made by the Company that are inherently subject to significant business, economic, competitive, political and social risks, uncertainties and contingencies.

Forward-looking statements are not guarantees of future performance. In particular, this presentation contains forward-looking statements pertaining, but not limited, to: expectations regarding the price of silver and sensitivity to changes in such prices; industry conditions and outlook pertaining to the silver market; expectations respecting future competitive conditions; industry activity levels; and the Company's objectives, strategies and competitive strengths.

By their nature, forward-looking statements involve numerous current assumptions, known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to differ materially from those anticipated by the Company and described in the forward-looking statements.

With respect to the forward-looking statements contained in this presentation, assumptions have been made regarding, among other things: current and future silver prices; future global economic and financial conditions; demand for silver and related products, and the supply of silver; the accuracy and veracity of information and projections sourced from third parties respecting, among other things, future industry conditions and demand for silver; and, where applicable, each of those assumptions set forth in the footnotes provided herein in respect of particular forward-looking statements.

A number of factors, risks and uncertainties could cause results to differ materially from those anticipated and described herein including, among others: volatility in market prices and demand for silver; effects of competition and pricing pressures; risks related to interest rate fluctuations and foreign exchange rate fluctuations; changes in general economic, financial, market and business conditions in the silver and precious metals industry; alternatives to and changing demand for silver; potential conflicts of interests; and actual results differing materially from management estimates and assumptions.

Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in its forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking statements will materialize or prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The forward-looking statements contained in this presentation are expressly qualified by this cautionary statement. Readers should not place undue reliance on forward-looking statements. These statements speak only as of the date of this presentation. Except as may be required by law, the Company expressly disclaims any intention or obligation to revise or update any forward-looking statements or information whether as a result of new information, future events or otherwise.



### High-quality Assets

New exploration approaches in proven silver endowed mining districts



# Exceptional Team

Exploration team led by Dr. Peter Megaw, Co-Founder of MAG Silver with a track record of discoveries



### Strong Support

Strong, balanced support between retail, institutions and management



# Funded for Success

Access to capital for exploration success

# High-Grade, District-Scale Assets

Batopilas

A new look at the Historic Native Silver District **1,183 ha** 

Carbonate Replacement Deposits (CRD)

Guigui

The "missing half" of the CRD Spectrum in Santa Eulalia District

4,750 ha

Medicine Springs Seeking the full CRD-Spectrum in Nevada **6,561 ha** 

Gryphon

Gold + Silver and Critical Metals too **10,300 ha** 



## Catalysts

Ongoing

### **BATOPILAS**

Establishing strategic targets for the next drilling program

Systematic exploration program led to Discovery of widest intercept to date and New Native Silver Vein

Banda Este Gold-Silver Zone Drilling

### GUIGUI

Working with
ExploreTech on
Al optimized Geophysics
and Target Development

-Closing in on the source of the SE District -0.5 km2 skarn footprint & "Feeder-Bleeders" Discovered

Target Development from ExploreTech
Al Geophysics Study

### **MEDICINE SPRINGS**

Combining the new geophysics, structural study & drill result data

-Drilling intersected high-grade Silver in 7 out 9 structures -Conductive Geophysics anomaly discovered

2024 Exploration Program

### **GRYPHON**

Integrating significant historic datasets and determining next steps

New Project to Reynas with Gold, CRD Pb-Zn-Ag, & critical metals too

2024 Exploration Program Launch NI43-101 compliant Technical Report

# Expert Team behind Project



Jorge Ramiro Monroy
Chief Executive Officer

Founder and Managing Director of Emerging Markets, a mining focused investment company based in Hong Kong.



**Peter Jones**Chairman

Former CEO of HudBay Minerals Inc., Hudson Bay Mining and Smelting Company



**Dr. Peter Megaw**Chief Technical Advisor
Co-Founder of MAG Silver



Mr. Douglas Kirwin
Senior Technical Advisor
Executive VP of Ivanhoe Mines

### Rene Ramirez

Senior Exploration Manager



Assisted in the discovery of La Platosa for Excellon Resources, and Juanicipio for MAG SIlver

Manuel Ruiz
Senior Exploration
Geologist



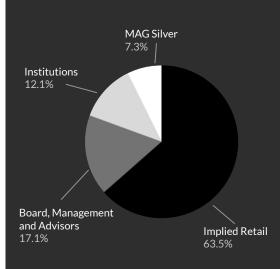
Assisted in the discovery of Cinco de Mayo for **MAG Silver** 

### Ariel G. Navarro Herrera

VP Exploration
Former exploration geologist
for Pan American Silver

WELL-FUNDED, STRONG SUPPORT

# Capital Structure



#### SUMMARY DETAILS

Issued and Outstanding	150 M
Total Options (average price \$ 0.80)	5 M
Fully Diluted	194 M
Market Cap @ \$0.17	\$25.5 M CAD
Ave. Daily Vol (3 months)	250 K
Cash (As of Sept 30, 2023)	1.2 M CAD

#### **ANALYST COVERAGE**

RED CLOUD SECURITIES	Mining Analyst
VIII EIGHT	Felix Shafigullin, Mining Analyst

Timothy Lee

WARRANTS		Expiry Date
\$ 0.30 CAD	1.2 M	Feb 13, 2025
\$ 0.30 CAD	0.7 M	Feb 23, 2025
\$ 0.36 CAD	0.6 M	June 24, 2024
\$ 0.40 CAD	16.6 M	Feb 13, 2026
\$ 0.40 CAD	10 M	Feb 26, 2026
\$ 0.50 CAD	0.3 M	June 24, 2024
\$ 0.50 CAD	6.9 M	June 24, 2024
Potential proceeds from the e warrants	exercise of	\$ 15 M CAD

OPTIONS		Expiry Date
\$ 0.30 CAD	0.95 M	Sept 8, 2025
\$ 0.30 CAD	0.95 M	Sept 8, 2025
\$ 0.71 CAD	1.6 M	Dec 16, 2026
\$ 1.00 CAD	0.13 M	March 30, 2024
\$ 1.03 CAD	0.5 M	Jan 12, 2026
\$ 1.13 CAD	1,6 M	Oct 13, 2025
Potential proceeds from	the exercise of options	4.2 M CAD

#### **MAJOR SHAREHOLDERS**





**Sprott** 





TERRACAPITAL









Silver AND Gold with Nickel too

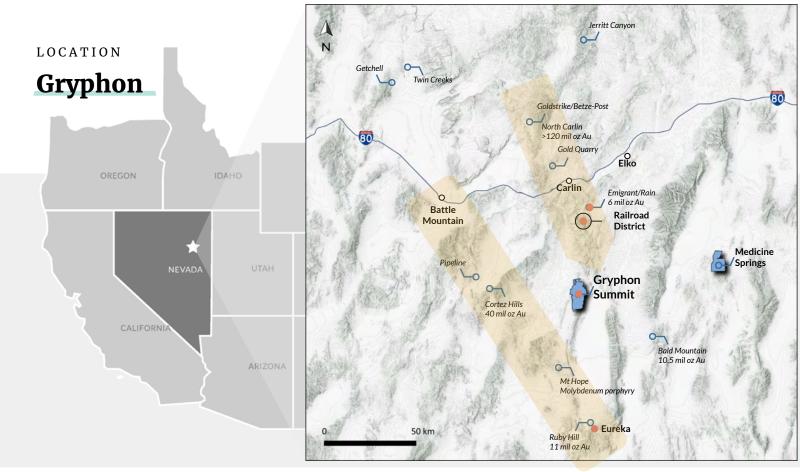
10,300 ha

16 x 8 km geochemically anomalous mineralization

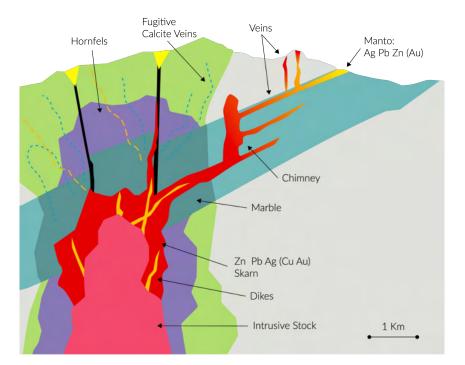
"When the opportunity to acquire one of the great exploration projects in Nevada presents itself, you seize it."

> - Dr. Peter Megaw, Chief Technical Advisor

> > REYNASILVER



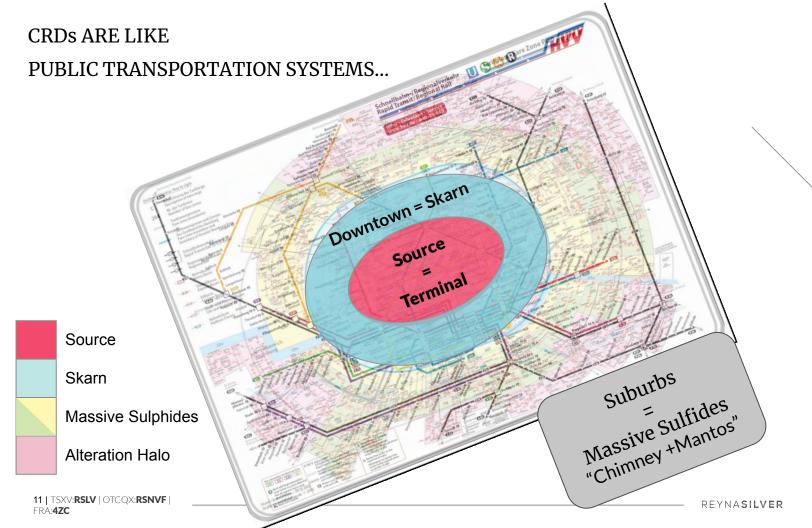
# **CRD Exploration Model**



- Continuous, zoned, multi-phase deposits with considerable high-grade mineralization.
- Mineralization is driven by the source intrusion.

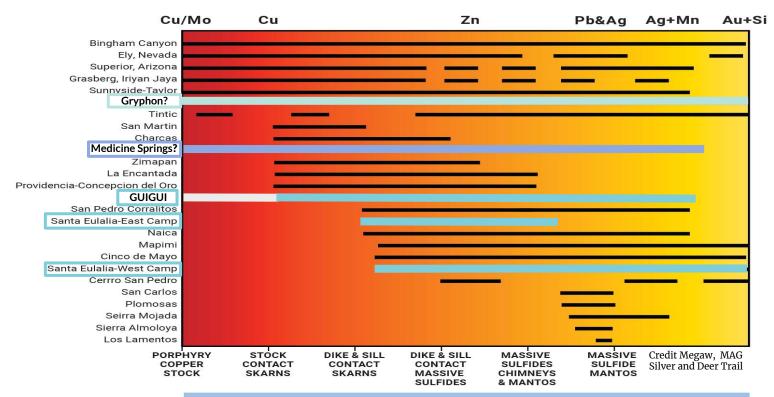


After Megaw, 1988, 1998, 2020



### THE CRD CONTINUUM

### WHERE DO GUIGUI & MEDICINE SPRINGS FIT IN?



Note: The blue lines for Gryphon, Guigui and Medicine Springs indicate the mineralization potential at the projects. Black lines indicate known productive mineralization.

#### LOCATION

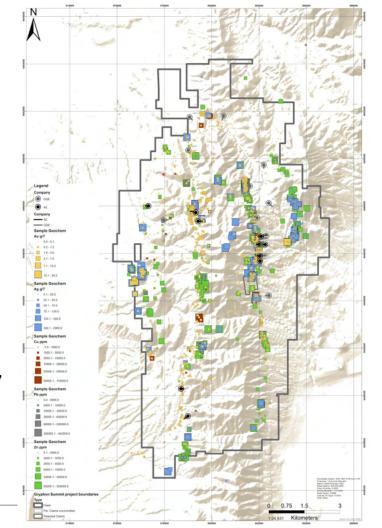
- EUREKA 72 km SW where two major regional mineralization styles are co-mingled: Carlin + CRD.
- TRENDS resides in an area where exploration focuses on the Nevada gold mega-districts: the Carlin trend and Eureka-Battle Mountain trend.

### TRIFECTA POTENTIAL

- GOLD Carlin-Type Gold Mineralization
- SILVER CRD Ag-Pb-Zn Mineralization
- Critical Metals including Ni and Cu

#### **BUILDING on PREVIOUS WORK**

- Geophysics magnetic, gravimetric, 39 km of IP, CSAMT, and 17 km of NSAMT
- Drilling 23 Core holes, 133 RC holes
- Curated data library of drill core, rock samples and historic work.
- Significant targets poised for refinement.

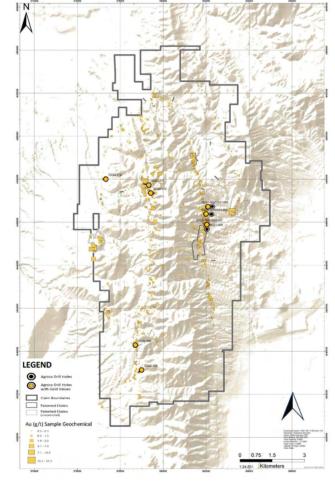


Previously the project focus have been just



The historic, shallowly-focused programs succeeded in finding strong indications of Carlin-type gold mineralization but did not follow them to depth...

Agnico's drill program cut gold mineralization in 9 out of 12 holes



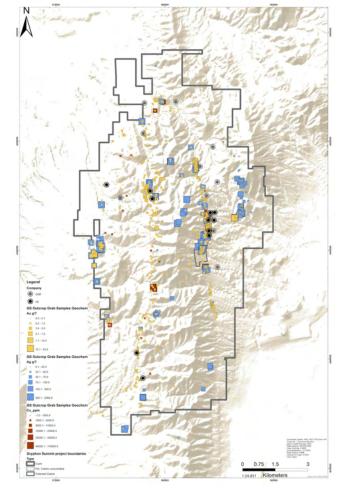
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Geology 102:

### STRUCTURES = PLUMBING Routes for Mineralization

Gryphon has Long-lived, multi-kilometre long structures that provided plumbing for repeated mineralization events.

Gryphon showcases both
Carlin-type Gold mineralization
& CRD Continuum mineralization
Silver, Lead, Zinc and Copper too!

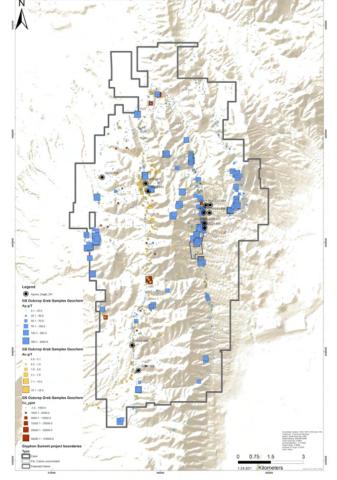


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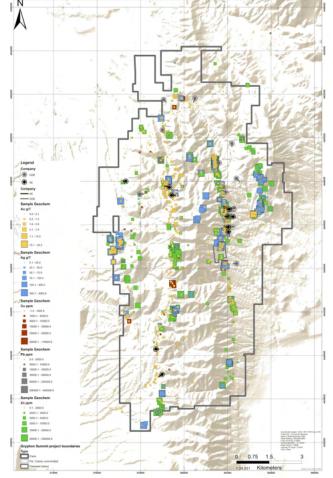
REYNASILVER

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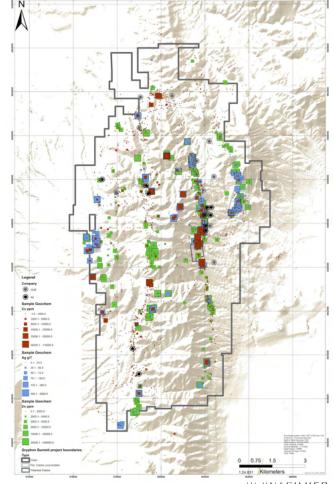
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**Gryphon** As seen directly by Reyna Silver geologists



Features common to all large known CRD deposits

- Location Main Street CRD/Porphyry belt
- Location- Top of carbonate section (room to grow)
- Ag (+400 g/t), Au, Zn, Pb, Cu, +Mn, As, W...
- Multiple mineralization and alteration stages
- Large scale zoning
- Presence of Felsite dikes
- Presence of Skarn
- Discordant geometry (= not syngenetic)
- Replacement mineralization
- High iron sphalerite
- Pyrite pseudomorphs after pyrrhotite
- Molybdenum mineralization
- Granitic Stock Contact Skarn = Target

Silver and Zinc anomalous mineralization at Gryphor

Megaw, et al., 1996, 1998, 2020



Historic high-grade Silver Mine

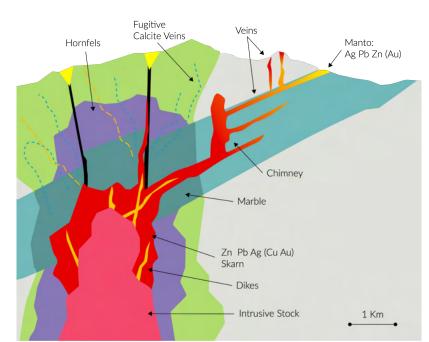
Taking the CRD model to Nevada

Extensive indicators of a district-scale CRD

"Medicine Springs ticks the most important boxes we look for in CRD exploration including location on a large regional structure that hosts significant CRDs, situation at the top of a thick section of potentially favorable carbonate host rocks and evidence of high silver grades".

- Dr. Peter Megaw, Chief Technical Advisor





After Megaw, 1988, 1998, 2020

Features common to all large known CRD deposits

Location - Main Street CRD/Porphyry belt

Location- Top of carbonate section (room to grow)

Ag (+400 g/t), Au, Zn, Pb, Cu, +Mn, As, W...

Multiple mineralization and alteration stages

Presence of Felsite dikes

☑ Presence of Skarn

☑ Discordant geometry (= not syngenetic)

Replacement mineralization

Pyrite pseudomorphs after pyrrhotite

☐ Granitic Stock Contact Skarn = Target

## HIGH-GRADE SILVER with ROOM TO GROW

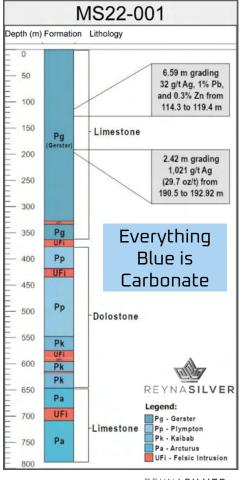
### Drill Result Highlights from 2022

Hole	From (m)	To (m)	Length* (m)	Ag (g/t)	Pb (%)	Zn (%)
MS22-001	190.5	192.92	2.4	1,021	0.04	0.04
MS22-002	73.91	81.38	7.4	186	3.7	1.0
including	75.29	80.01	4.7	274	5.6	1.5

<sup>\*</sup>Core length in hole, true thickness not yet determinable.

""Cutting high-grade silver mineralization in so many structures across such a big area, this early into exploring Medicine Springs, **indicates this is a large, potent system**, and the new geophysics and structural study appear to be telling us which way to go","

-Dr. Peter Megaw



2023 DRILLING PROGRAM

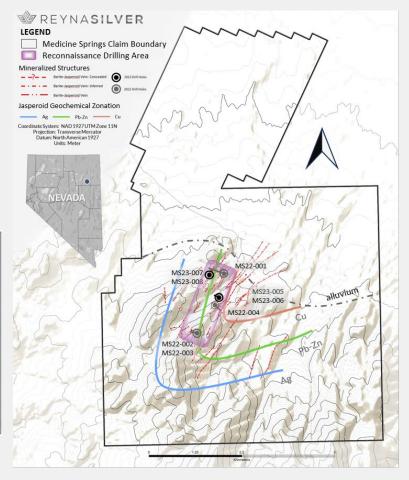
DRILLING DISTRICT SCALE POTENTIAL

"We are excited by the continuing 75% high-grade silver hit-rate at this early stage of exploration..."

- Jorge Ramiro Monroy

Hole	From (m)	To (m)	Length* (m)	Silver (g/t)	Lead (%)	Zinc (%)
MS22-001	190.5	192.92	2.4	1,021	0.04	0.04
MS22-002	73.91	81.38	7.4	186	3.7	1
including	75.29	80.01	4.7	274	5.6	1.5
MS22-004	19.12	20.82	1.7	53	1.7	-
MS23-008	13.97	15.51	1.54	304	2.19	3.5
within	1.75	58.52	56.77	24	0.36	0.99
MS23-007	14.02	15.34	1.32	330	3.4	11.9
within	37.47	57.49	20.02	33	0.81	1.72
MS23-006	83.7	85.87	2.17	228	0.22	-
including	84.09	84.32	0.23	966	0.22	-

<sup>\*</sup>Core length in the hole, true thickness not yet determined.



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2023 GEOPHYSICS

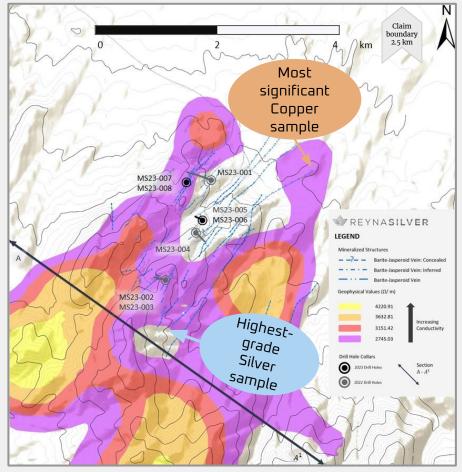
Aero Magneto-Telluric (MT) Geophysics Survey identified multiple significant anomalies.

One corresponds with the most significant Copper sample.

In CRDs, increasing Copper is associated with proximity to the source intrusion.

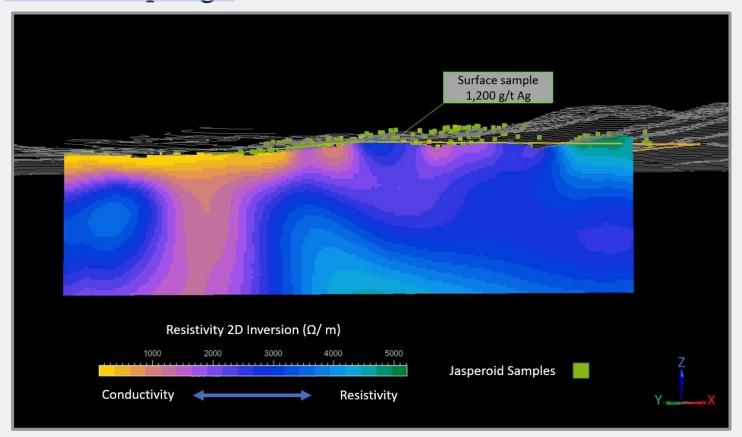
The 2nd corresponds with an area of higher-grade Silver samples including, 1,200 g/t Ag.

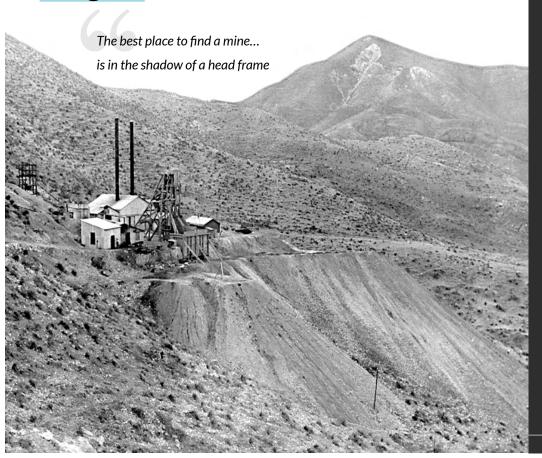
Structural work in this area reinforces this area as a key target



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# Medicine Springs 2023 GEOPHYSICS A-A1 Cross section





# Santa Eulalia Mining District

**Historic Production** 







Historic Average Grade







Santa Eulalia is one of the world's largest Carbonate Replacement Deposits (CRD) but "undiscovered half of the CRD Spectrum".

### Historic Mineralization

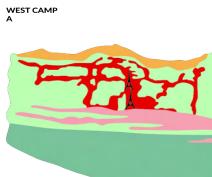
The More Voluminous "Skarn" Mineralization

Caldera-related Porphyry

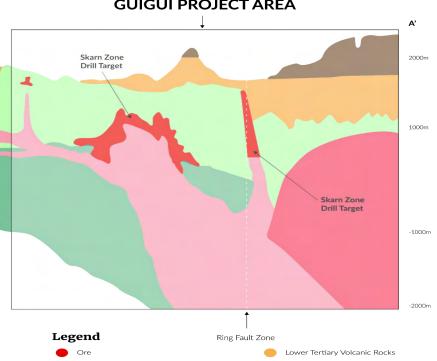
Mid-tertiary Caldera-related Volcanic Rocks



#### **GUIGUI PROJECT AREA**



NUMEROUS INDICATORS POINT TOWARDS THE SOURCE OF THIS SIGNIFICANT CRD DISTRICT RESIDING IN GUIGUI



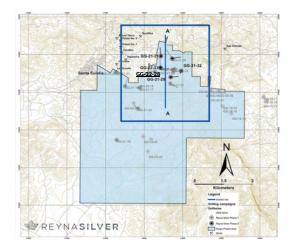


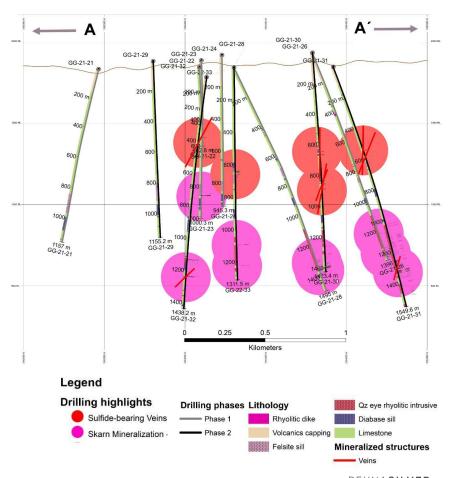
Cretaceous Limestones

Cretaceous Evaporates

# LATEST DRILL RESULTS REVEAL TWO TYPE OF MINERALIZATION

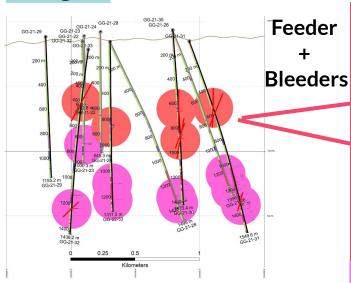
- 0.5 km² of intrusive-hosted mineralized skarn.
- Upper-Level silver-bearing sulfide veins.
- Thick Limestone potential host rock





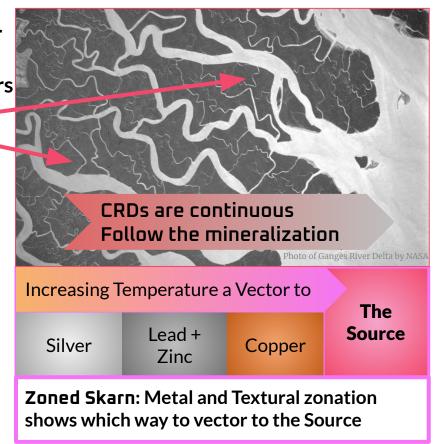
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### **Room to Grow**

1,200 m of Limestone known to be a fabulous host-rock for CRDs

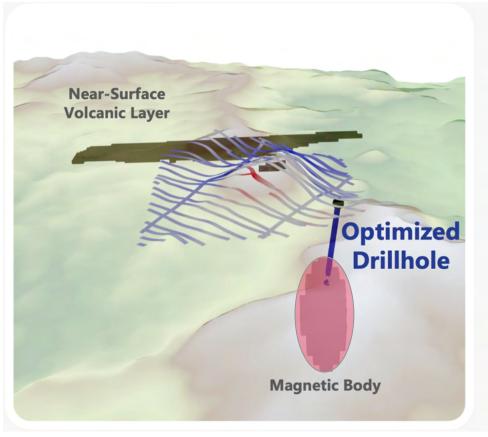


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Applying cutting-edge ExploreTech AI to optimize Geophysics results.

What really gets my attention, beyond the strength and coherence of the target generated by ExploreTech's cutting-edge Al approach to the geophysics, is the fact that it highlights a target that our Project Geologist, Rene Ramirez, has been championing for several years.

- Dr. Peter Megaw,



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# Batopilas Mining District

A Historic Native Silver District

30 known veins produced from 1632-1912

~300 million oz of Silver at over 1,500 g/t

FRA:4ZC

EXPANDING THE LEGACY

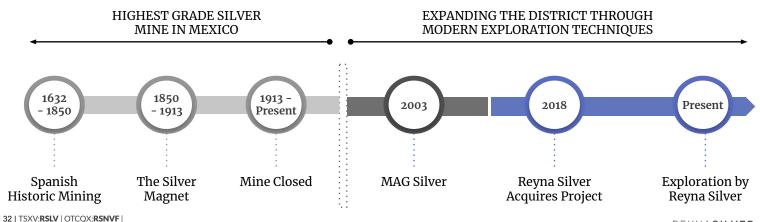


One of the few mining districts where the major mineral is native silver.

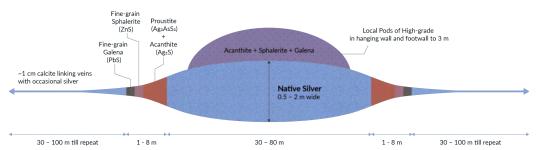


Native Silver from Batopilas from the historic collection of Joel R. Poinsett. Photo by Jeff Scovil.

REYNASILVER



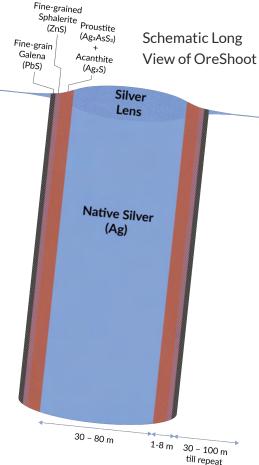
2023 Silver Zone Results



Schematic Plan View of Batopilas OreShoot

"Mining history tells us that the Batopilas Native Silver veins can blossom from a few centimeters to over 2 metres wide in a few metres laterally, so any of these intercepts could be very close to a major shoot,"

- Dr. Peter Megaw



RFYNASILVER

Reyna Silver Exploration Highlights

### Silver Zone

-BA23-58: starting from 3 m from surface 30 m of 218 g/t Silver including 9m of 616 g/t Silver including 1.4m of 1,405

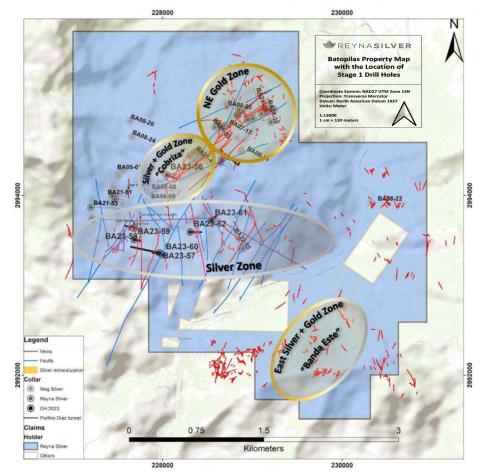
-BA23-57: **New Silver Vein Discovered 0.2** m of 6,440 g/t Silver

-BA23-60: 0.8 m of 1,432 g/t Silver

-BA21-30: 3.2 m grading 703 g/t Silver and 3 g/t Gold including 0.2 m 10,565 g/t Silver

### NE Gold Zone

-BA21-34: 0.25 m of **36 g/t Gold** - BA21-42A: **3.6 m of 8 g/t Gold** 



2023 Silver Zone Results

BA23-58 from 3-33 metres:

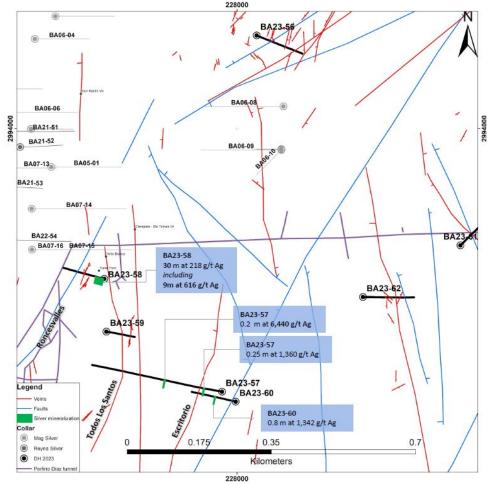
"Reyna Silver's widest intercept to date" 💈

30 metres grading 218 g/t Ag including 9 metres of 616 g/t Ag

Close-up the New Native Silver Vein in **BA23-57**: 0.2 m grading 6,440 g/t Silver



Acanthite filling breccia (Silver sulfide, Ag2S)



"Reyna Silver's widest intercept to date"

### BA23-58 from 3-33 m

30m grading 218 g/t Ag including 9m of 616 g/t Ag

We are delighted that the time and effort spent over the past year on the sampling program, structural studies, and geophysics has paid off with these high-grade silver discoveries

- Dr. Peter Megaw,

Hole	from	to	width (m)	Ag (g/t)
BA23-58	3.0	4.5	1.5	43
BA23-58	4.5	6.0	1.5	21.4
BA23-58	6.0	7.5	1.5	65.4
BA23-58	7.5	9.0	1.5	14.7
BA23-58	9.0	10.5	1.5	398
BA23-58	10.5	12.0	1.5	9.8
BA23-58	12.0	13.5	1.5	2.4
BA23-58	13.5	15.0	1.5	4.9
BA23-58	15.0	16.5	1.5	3
BA23-58	16.5	18.0	1.5	2.8
BA23-58	18.0	19.5	1.5	58.6
BA23-58	19.5	21.0	1.5	18.4
BA23-58	21.0	23.0	2.0	317
BA23-58	23.0	24.45	1.45	1405
BA23-58	24.45	25.75	1.3	192
BA23-58	25.75	27.0	1.25	636
BA23-58	27.0	28.5	1.5	288
BA23-58	28.5	30.0	1.5	936
BA23-58	30.0	31.5	1.5	14.6
BA23-58	31.5	33.0	1.5	6.8

<sup>&</sup>lt;sup>1</sup>Core length in hole, True Thickness indeterminate

## Catalysts

Ongoing

### **BATOPILAS**

Establishing strategic targets for the next drilling program

Systematic exploration program led to Discovery of widest intercept to date and New Native Silver Vein

Banda Este Gold-Silver Zone Drilling

### GUIGUI

Working with ExploreTech on Al optimized Geophysics and Target Development

-Closing in on the source of the SE District -0.5 km2 skarn footprint & "Feeder-Bleeders" Discovered

Target Development from ExploreTech Al Geophysics Study

### **MEDICINE SPRINGS**

ExploreTech geophysics
Al-optimization,,
structural study &
drill result data combine

-Drilling intersected high-grade Silver in 7 out 9 structures -Conductive Geophysics anomaly discovered

2024 Exploration Program

### **GRYPHON**

Integrating significant historic datasets and determining next steps

New Project to Reynas with Gold, CRD Pb-Zn-Ag, & critical metals too

2024 Exploration Program Launch NI43-101 compliant Technical Report



### For more information

**Email:** jorge@reynasilver.com 325 Howe St, Vancouver, B.C. V6C 1Z7, Canada

Phone: 1 416 977 3188 Fax: 1 416 977 8002 www.reynasilver.com

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# Archie's Rule

 $[NSR = 2 \times OC]$ 

Similar plots can be made for any commodity and mining scenario

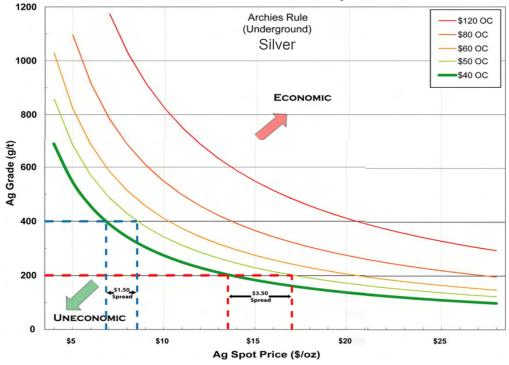
NSR = net smelter recovery OC = all-in operating costs

GRADE IS KING

# Scale is Reyna\*

\*Reina [Reyna] is Queen in Spanish

# The case for High-Grade, District-Scale Projects



From SEG Newsletter, Megaw and MacInnis (2014)