

TSXV:RSLV | OTCQX:RSNVF | FRA:4ZC



# REYNA SILVER

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

CORPORATE PRESENTATION

SEPTEMBER 2023

# 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.

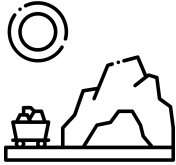
Forward-looking statements are not guarantees of future performance. In particular, this presentation contains forward-looking statements pertaining, but not limited, to: expectations regarding the price of silver and sensitivity to changes in such prices; industry conditions and outlook pertaining to 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.

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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



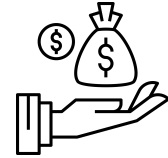
## Exceptional Team

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**

**Guigui**

**Carbonate Replacement Deposits (CRD)**

The “missing half” of the CRD Spectrum  
in Santa Eulalia District

**4,750 ha**

**Medicine  
Springs**

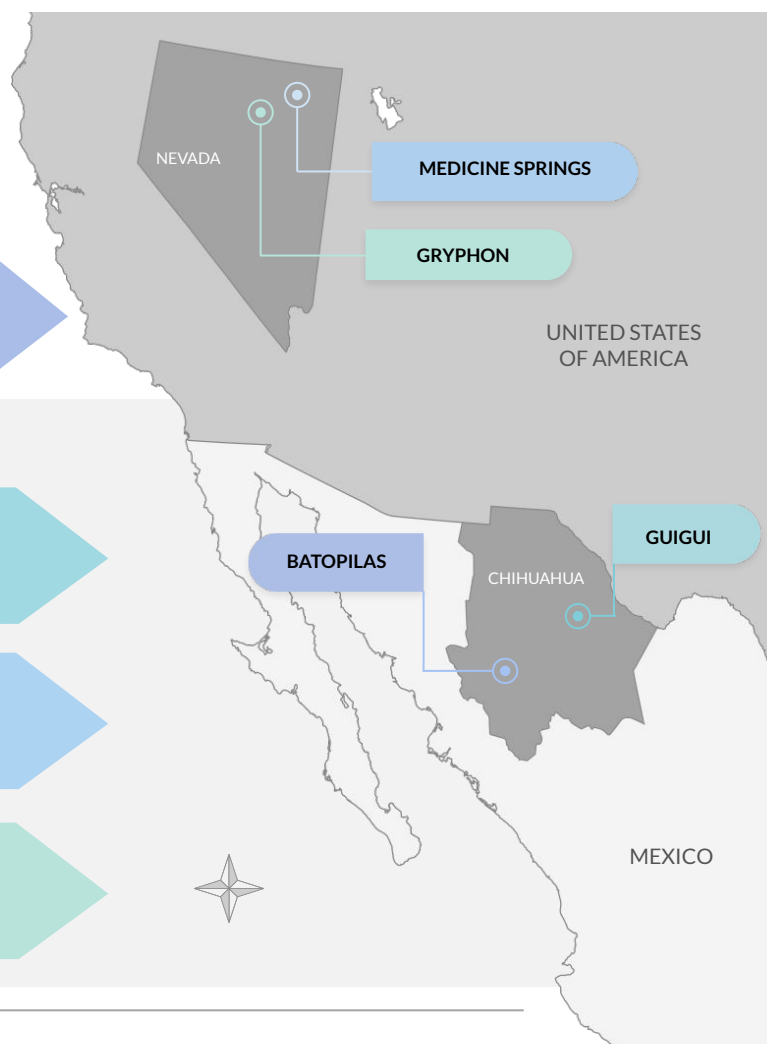
Seeking the full CRD-Spectrum in Nevada

**4,831 ha**

**Gryphon**

Gold + Silver and Critical Metals too

**10,300 ha**



# Catalysts

	<b>BATOPILAS</b>	<b>G U I G U I</b>	<b>MEDICINE SPRINGS</b>	<b>GRYPHON</b>
Ongoing	2023 drill program	Establishing strategic targets for upcoming <b>Phase 3</b> drilling program	Summer 2023 Drilling Program underway	Integrating significant historic datasets and determining next steps
Highlights	Systematic exploration program led to Discovery of widest intercept to date and New Native Silver Vein	Detailed geophysics program to aid in the identification of the source and possible upper-level structures	Boots on the Ground geologic work and Geophysics led to current drill targets	New Project to Reynas with Carlin-style Gold, CRD Ag-Pb-Zn and Ni-Zn
Catalyst	Banda Este Gold-Silver Zone Drilling	Phase 3 Drilling Program	Summer 2023 Drilling Program Results	2024 Program Launch

# 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 \$ 0.92)	4 M
Fully Diluted	197 M
Market Cap @ \$0.17	\$25.5 MCAD
Ave. Daily Vol (3 months)	260 K
Cash (As of June 30, 2023)	5.4 M CAD

## WARRANTS

\$ 0.36 CAD	0.6 M
\$ 0.40 CAD	26.7 M
\$ 0.50 CAD	0.3 M
\$ 0.50 CAD	6.9 M
\$ 0.83 CAD	0.4 M
\$ 1.25 CAD	3.6 M
Potential proceeds from the exercise of warrants	\$ 20.6 M CAD

## ANALYST COVERAGE



**Timothy Lee, Mining Analyst**  
research@redcloudsecurities.com

## MAJOR SHAREHOLDERS



**Sprott**



**L1 CAPITAL**

GGHC

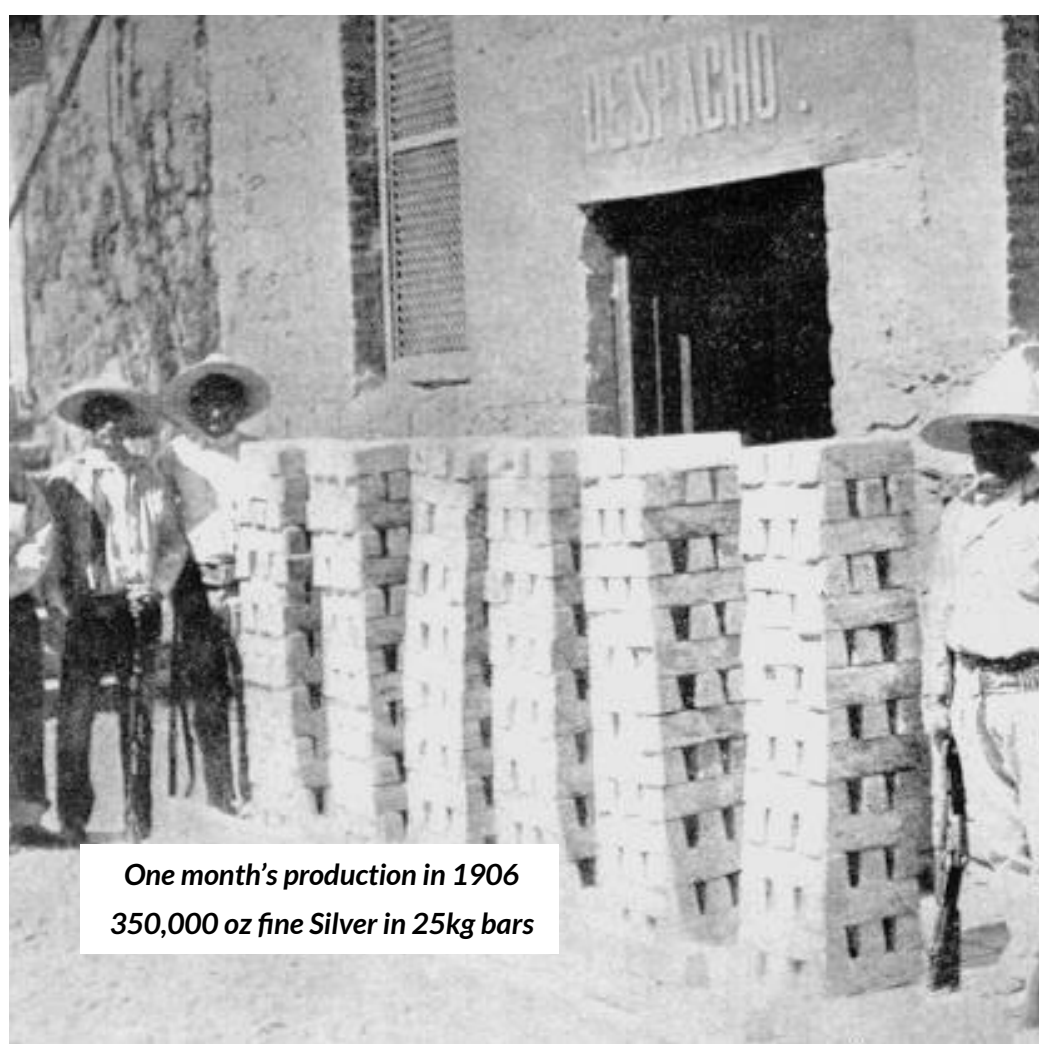
GILDER GAGNON HOWE & CO.

**TERRACAPITAL**



**INGALLS & SNYDER**  
INVESTMENT MANAGEMENT SINCE 1924

**REGAL**  
FUNDS MANAGEMENT



*One month's production in 1906  
350,000 oz fine Silver in 25kg bars*

## 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



# Batopilas

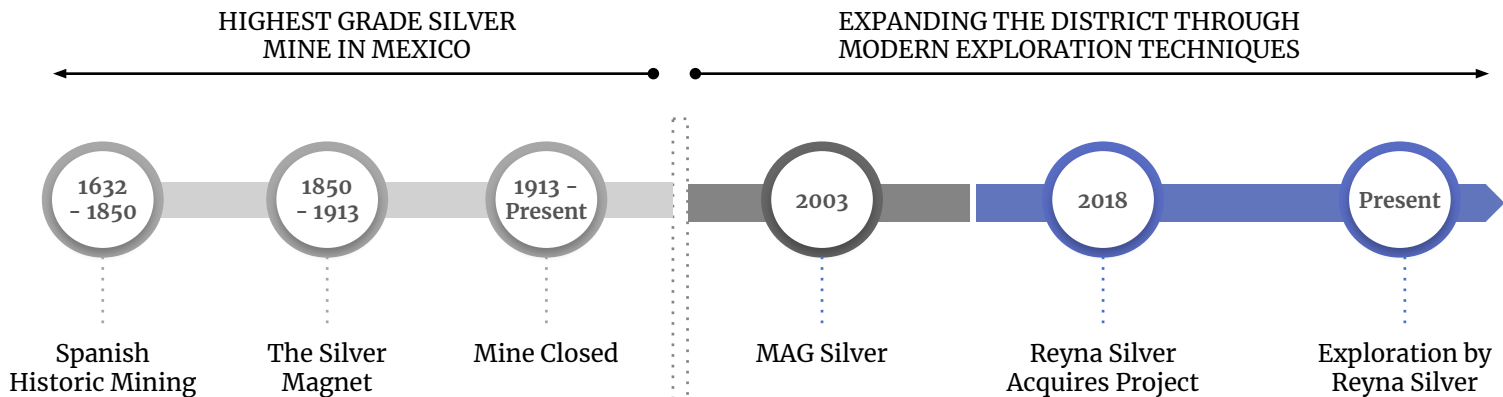
EXPANDING THE LEGACY



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

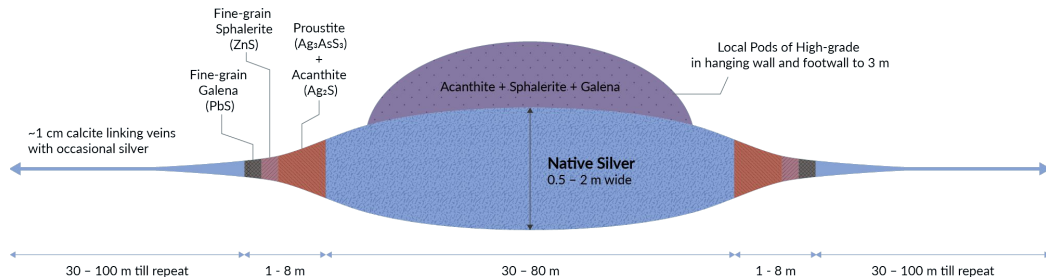


Native Silver from Batopilas from the historic collection of Joel R. Poinsett. Photo by Jeff Scovil.

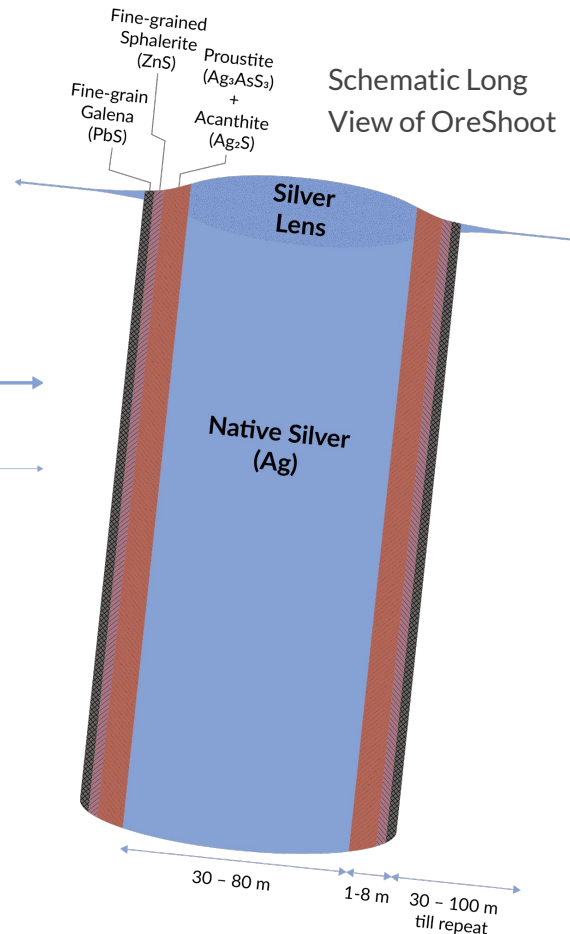


# Batopilas

## 2023 Silver Zone Results



Schematic Plan View of Batopilas OreShoot



Schematic Long View of 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

# Batopilas

## 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

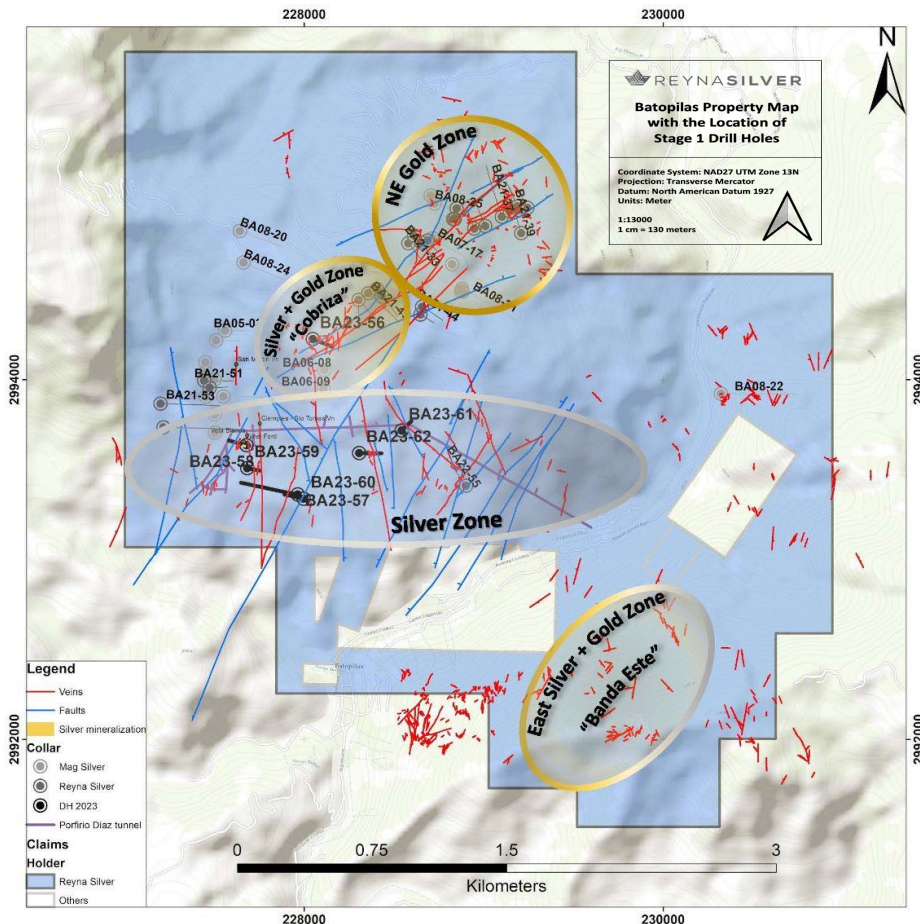
-BA23-60: 0.8 m of 1,432 g/t Silver

### Cobrizá Silver + Gold Zone

-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



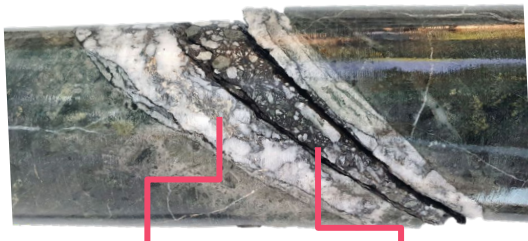
# Batopilas

## 2023 Silver Zone Results

“Cutting new silver structures... shows that a disciplined, district-scale approach to exploration can lead to discovery...”

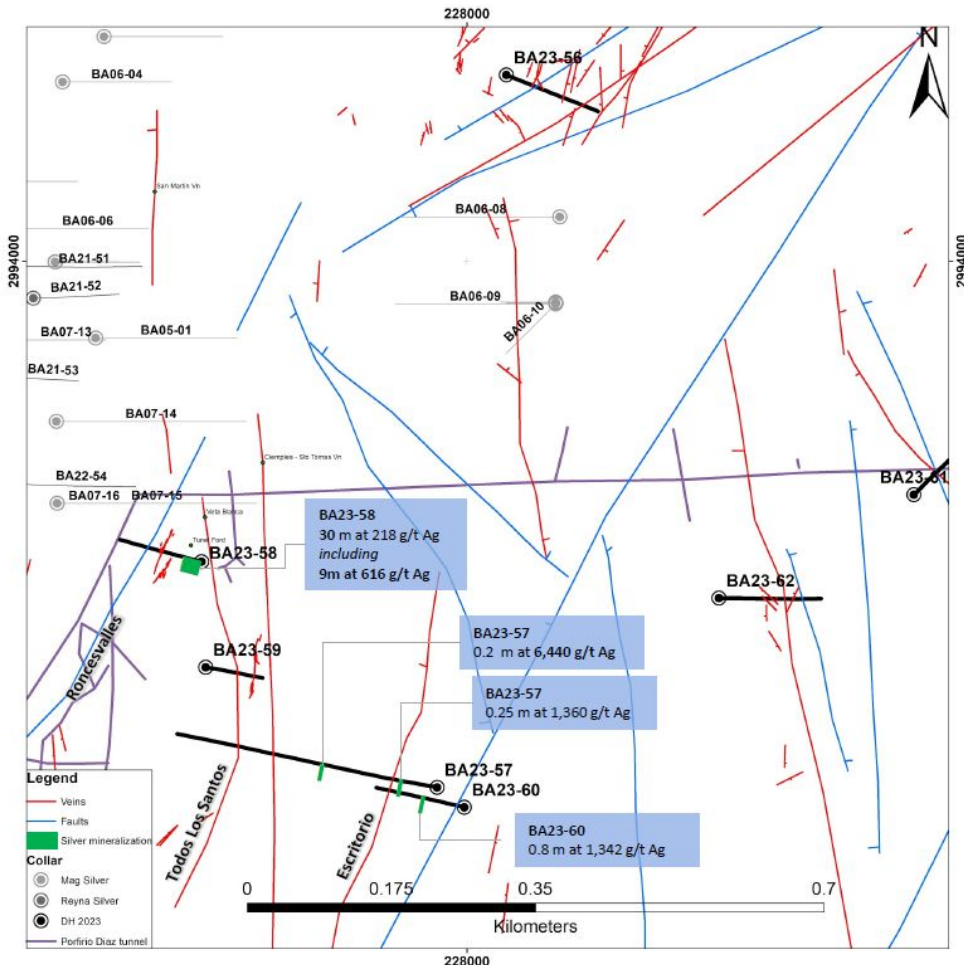
- Jorge Ramiro Monroy

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



Native Silver in Calcite

Acanthite filling breccia (Silver sulfide, Ag<sub>2</sub>S)



# Batopilas

## SIGNIFICANT DRILL INTERCEPTS



Drill core from BA21-30.



Section of BA21-30 core showing native silver mineralization

**Hole BA21-30: 3.2 m** (core length) grading **3.03 g/t Au** and **703 g/t Ag**. Including 0.85 m (core length) grading 8.74 g/t Au and 8.40 g/t Ag. Including 0.20 m (core length) of native silver grading **10,565 g/t Ag** and 0.31 g/t Au.

*First time the Cobriza-Native Silver vein extension has been drilled*

**Hole BA21-34: 1.50 m** (core length) grading 4.88 g/t Au and 10.67 g/t Ag. Including 0.25 m (core length) grading **36.1 g/t Au** (was 28.7 g/t Au) and 59 g/t Ag

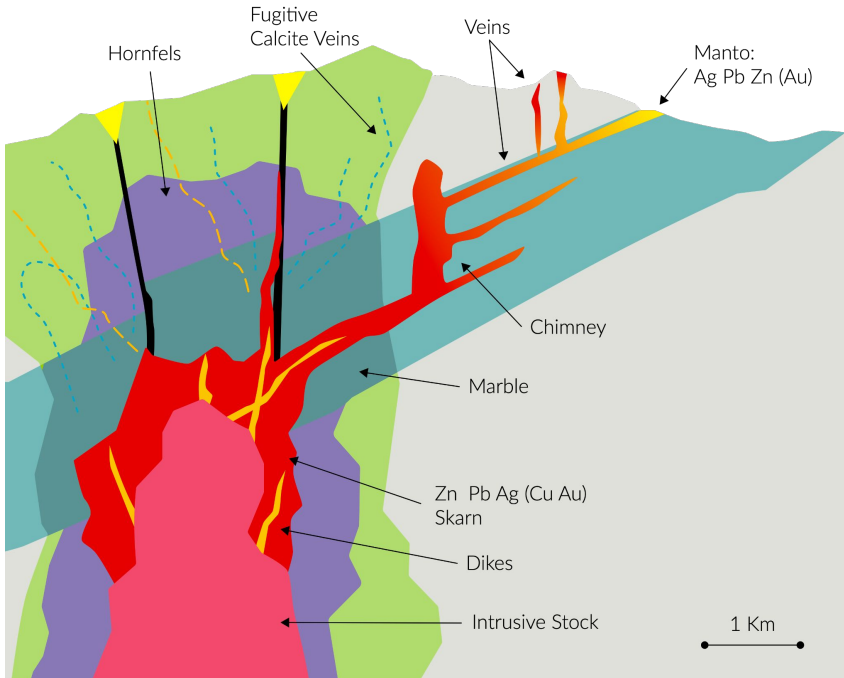
*A zone that had never been drilled before, leading us to the NE Gold Zone*

**Hole BA21-42A: 5 m** (core length) grading 6 g/t Au. Including **3.65 m** grading **8.18 g/t Au**. Including 1.65m grading 12.75 g/t Au.



Drill core from BA21-42A from 180.95 to 185.10 m downhole.

# CRD Exploration Model



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

## Legend

### Lithology

- Intrusive
- Limestone

### Dominant Metal

- Copper
- Zinc
- Lead

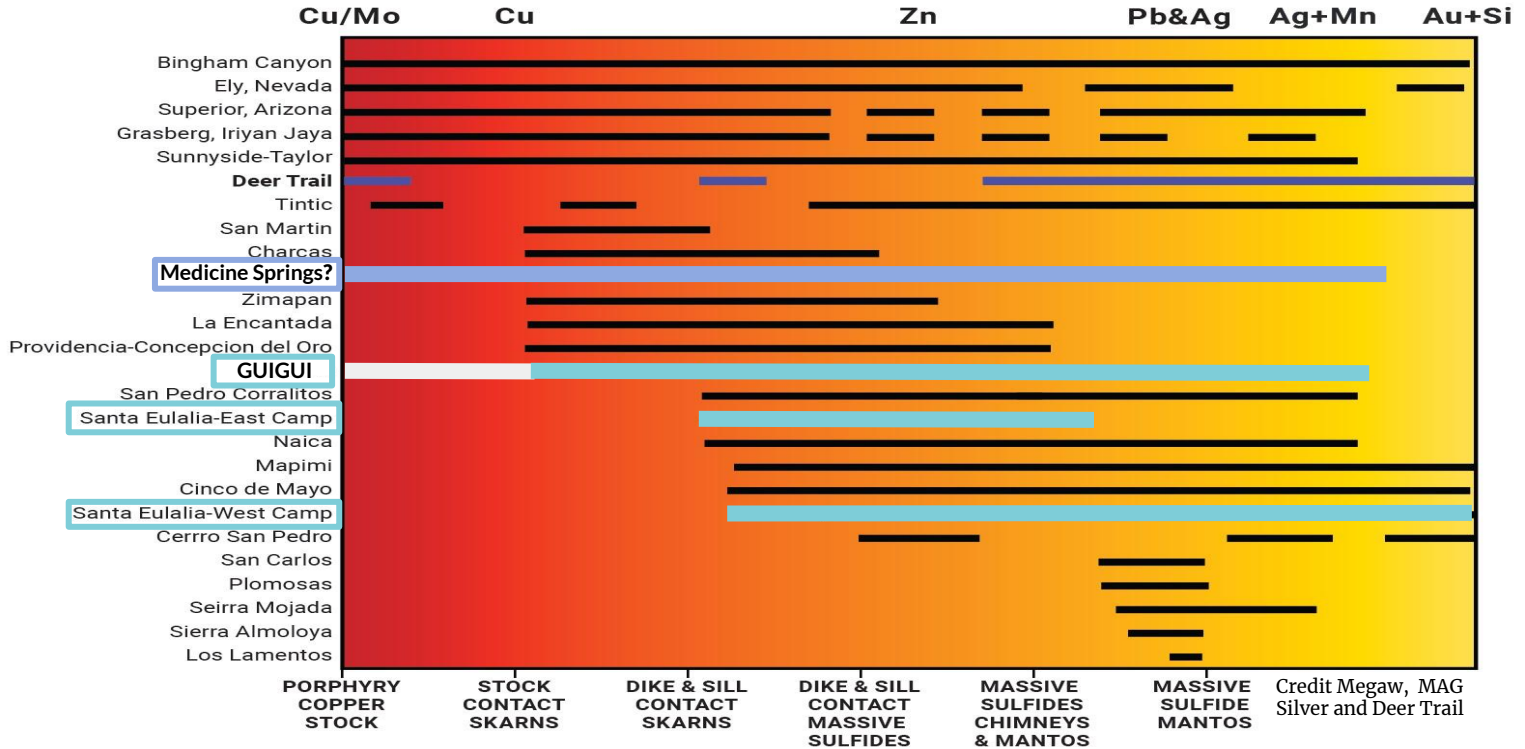
### Alteration

- Alteration Aureole
- Hornfels

After Megaw, 1988, 1998, 2020

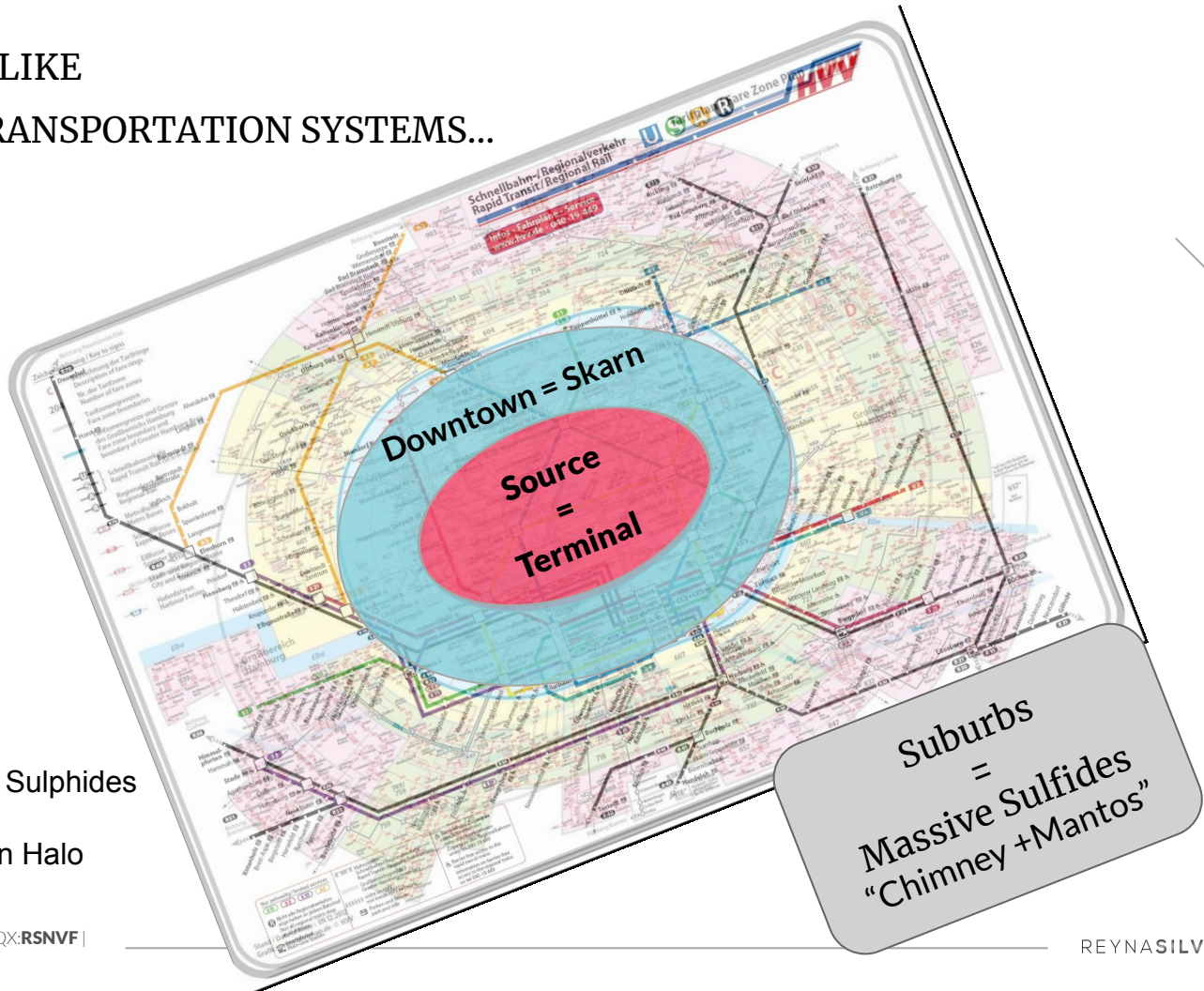
# THE CRD CONTINUUM

# WHERE DO GUIGUI & MEDICINE SPRINGS FIT IN?



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

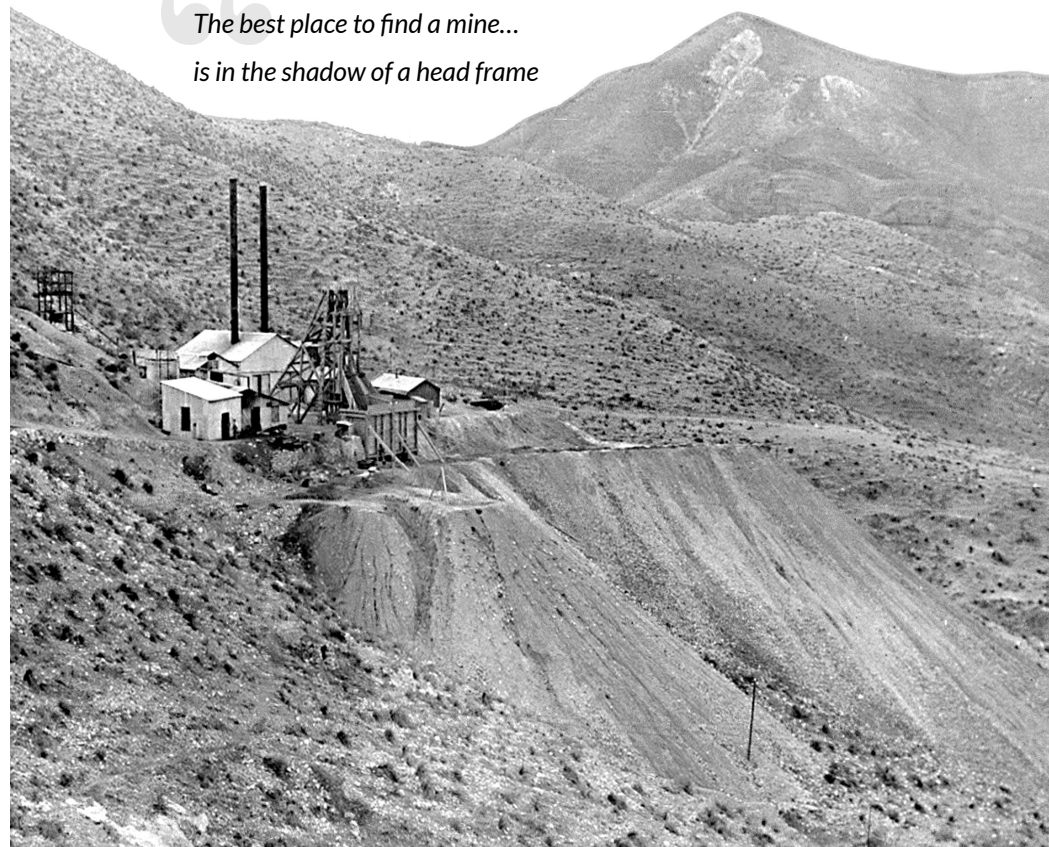
# CRDs ARE LIKE PUBLIC TRANSPORTATION SYSTEMS...





# Guigui

*The best place to find a mine...  
is in the shadow of a head frame*



## Santa Eulalia Mining District

### Historic Production

510Moz  
Ag

4.2Mt  
Pb

3.6Mt  
Zn

### Historic Average Grade

310g/t  
Ag

8.2%  
Pb

7.1%  
Zn

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

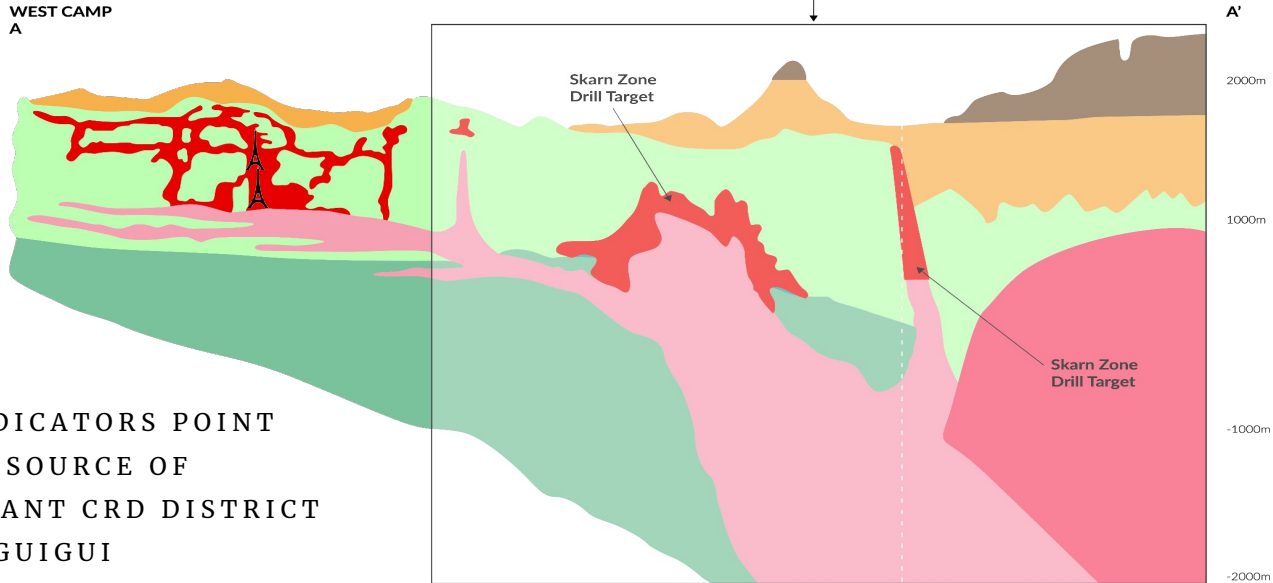
# Guigui

Historic Mineralization

The More Voluminous "Skarn" Mineralization

Source

## GUIGUI PROJECT AREA



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

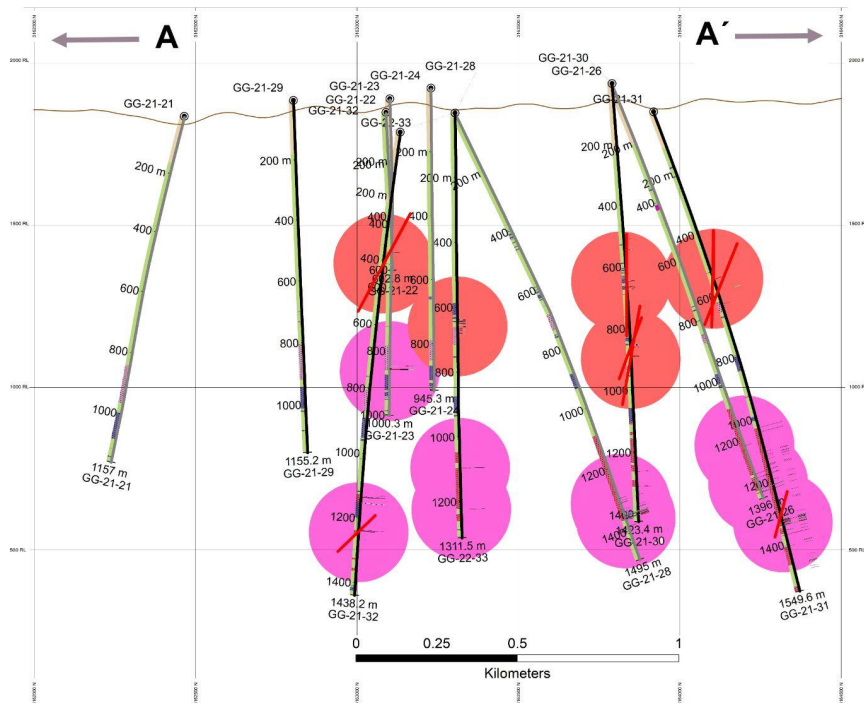
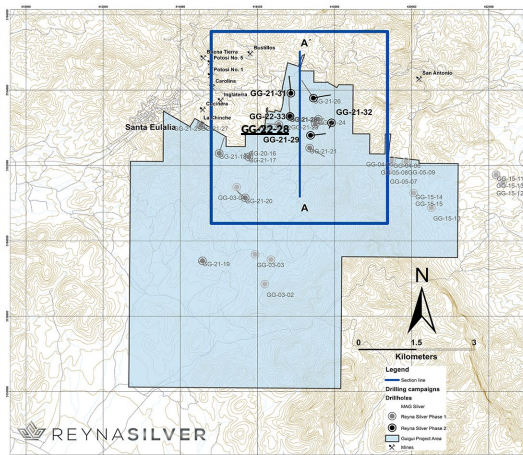
### Legend

- Ore
- Caldera-related Porphyry
- Mid-tertiary Caldera-related Volcanic Rocks
- Lower Tertiary Volcanic Rocks
- Cretaceous Limestones
- Cretaceous Evaporates

# Guigui

LATEST DRILL RESULTS REVEAL  
TWO TYPE OF MINERALIZATION

- 0.5 km<sup>2</sup> of intrusive-hosted mineralized skarn.
- Upper-Level silver-bearing sulfide veins



## Legend

### Drilling highlights

- Sulfide-bearing Veins
- Skarn Mineralization - Phase 2
- Skarn Mineralization - Phase 1

Ag ppm	Pb %	Zn %
20 - 75	2 - 4	2 - 5
76 - 100	4 - 8	5 - 10
101 - 500	8 - 20	10 - 20
501 - 1040	> 20	> 20

### Drilling phases Lithology

- Phase 1
- Phase 2
- Rhyolitic dike
- Volcanics capping
- Felsite sill

### Mineralized structures

- Qz eye rhyolitic intrusive
- Diabase sill
- Limestone
- Veins

# Guigui

## Feeder + Bleeders

Upper-Level Structures  
utilized to vector into  
Chimney+Mantos

Eg. 2.1m of 233 g/t Ag in GG21-30

## Room to Grow

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

## Zoned Skarn

Metal and Textural  
zoning show which was  
to vector to the Source

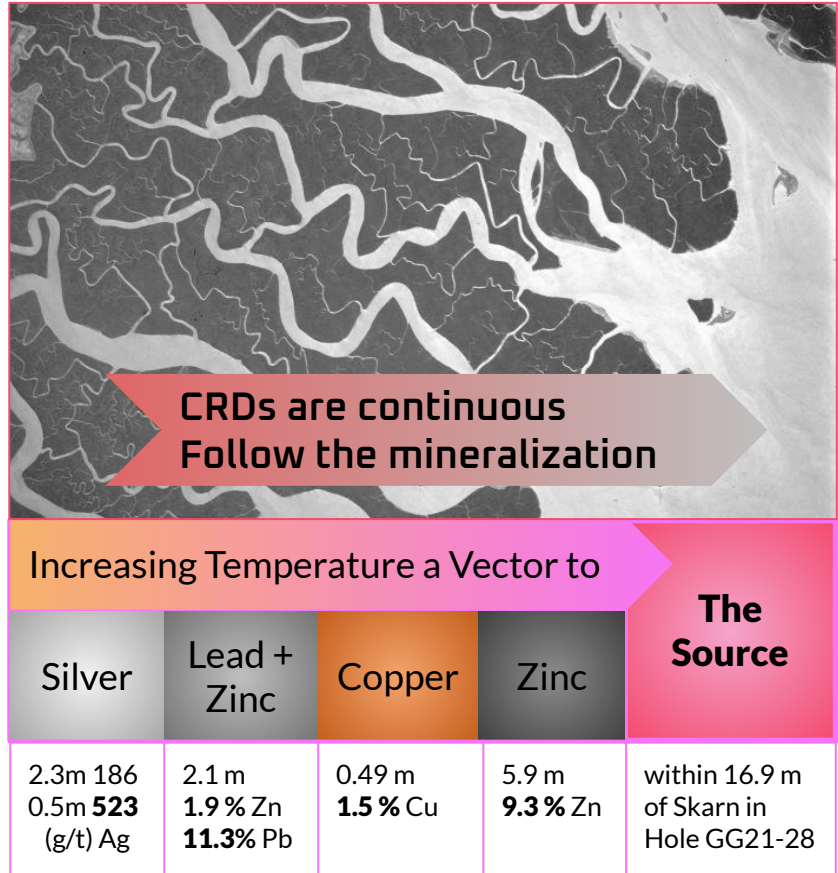


Photo of Ganges River Delta by NASA

# Medicine Springs

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”.*

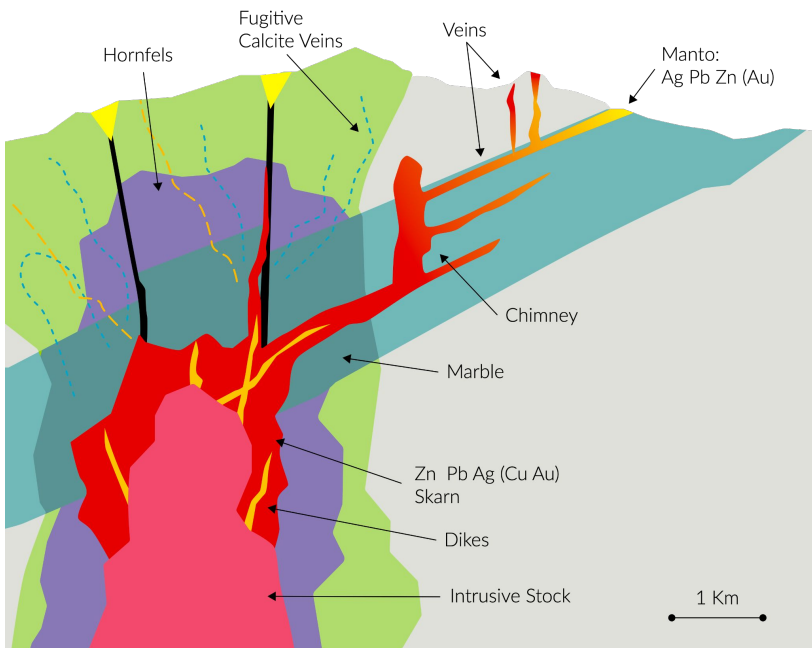
- Dr. Peter Megaw,  
Chief Technical Advisor



**Dr. Peter Megaw looking at the  
Golden Pipe Headframe**

# Medicine Springs

## ✓ CRD INITIAL CHECKLIST



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
- ✓ 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

Megaw, et al., 1996, 1998, 2020

# Medicine Springs

## 2023 DRILLING PROGRAM

### DRILLING DISTRICT SCALE POTENTIAL

Broadly-spaced holes testing for:

- STRATIGRAPHY - "Room to Grow"
- STRUCTURE - "Routes" for mineralization
- ZONATION - Vector for exploration
- OXIDATION - Depth for sulphides
- GROUND-TRUTH - Checking the Geophysics



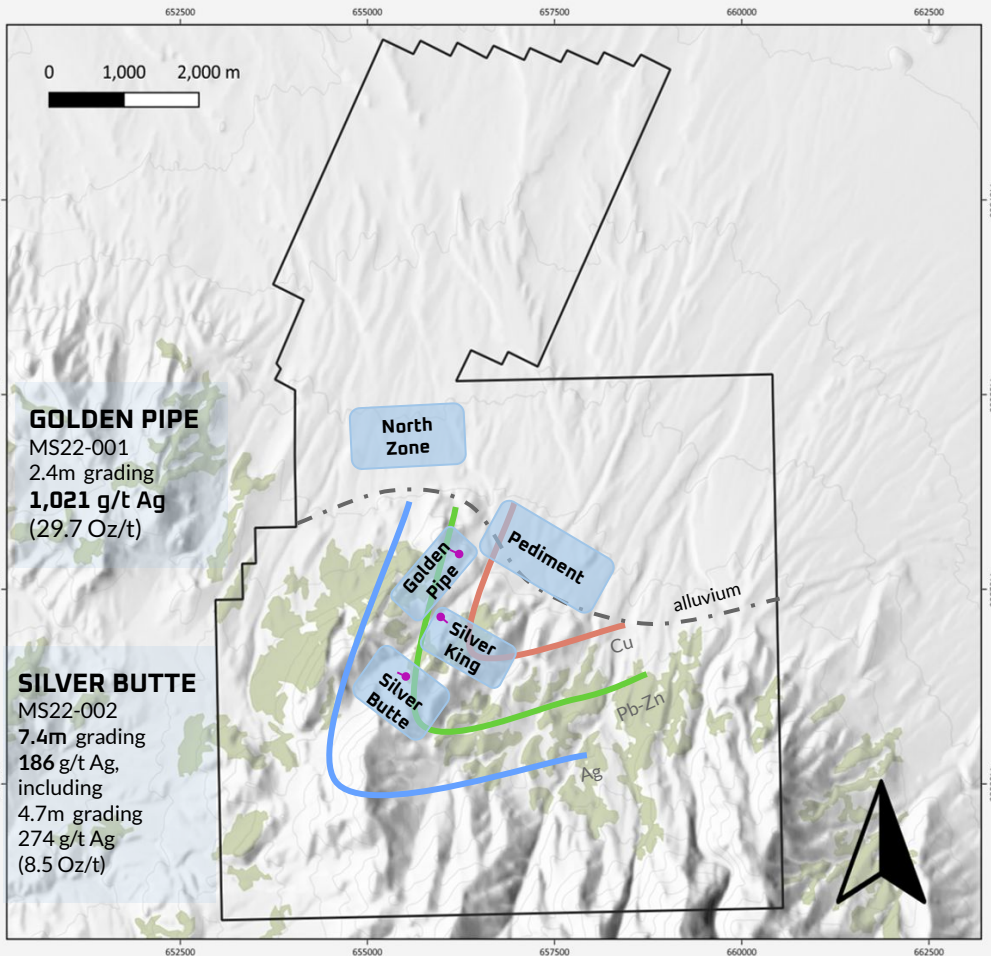
### 2023 Medicine Springs Drill Targets



#### LEGEND

- ☐ Medicine Springs Claim Boundary
- ▭ Target Area
- Drill Hole
- ▭ Anomalous Geochemical Zonation
- Ag — Pb-Zn — Cu

Coordinate System: NAD 1927 UTM Zone 11N  
Projection: Transverse Mercator  
Datum: North American 1927  
Units: Meter



# Medicine Springs

HIGH-GRADE SILVER with ROOM TO GROW

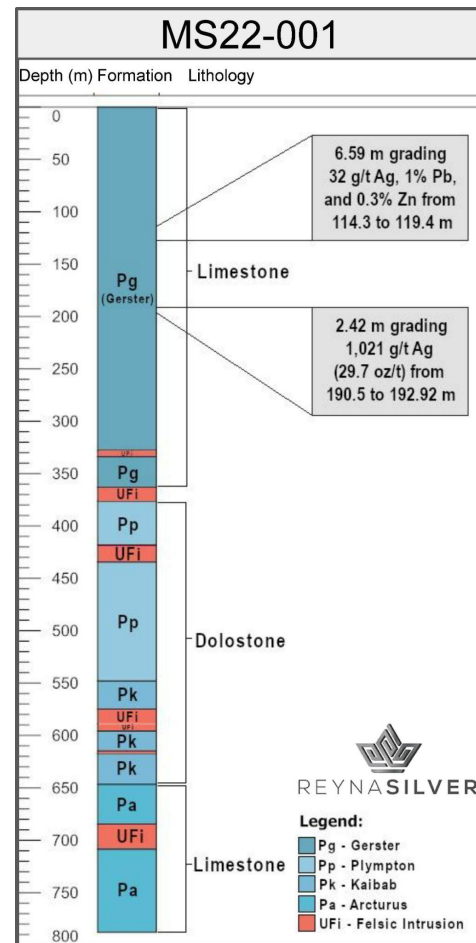
## Drill Result Highlights from 2022

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

\*Core length in hole, true thickness not yet determinable.

“We are delighted to hit high-grade silver in the first holes in our initial reconnaissance drilling campaign,”

- Jorge Ramiro Monroy

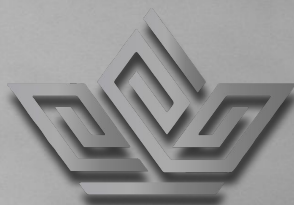






**Gold**

**+**



**Silver**

... and critical metals too!

*View Northward across the Devonian-Missippian unconformity dipping eastward. Rocky ridge in middle is silicified carbonates.*

## Gryphon

CRD meets Carlin

Silver AND Gold  
with Nickel too

**10,300 ha**

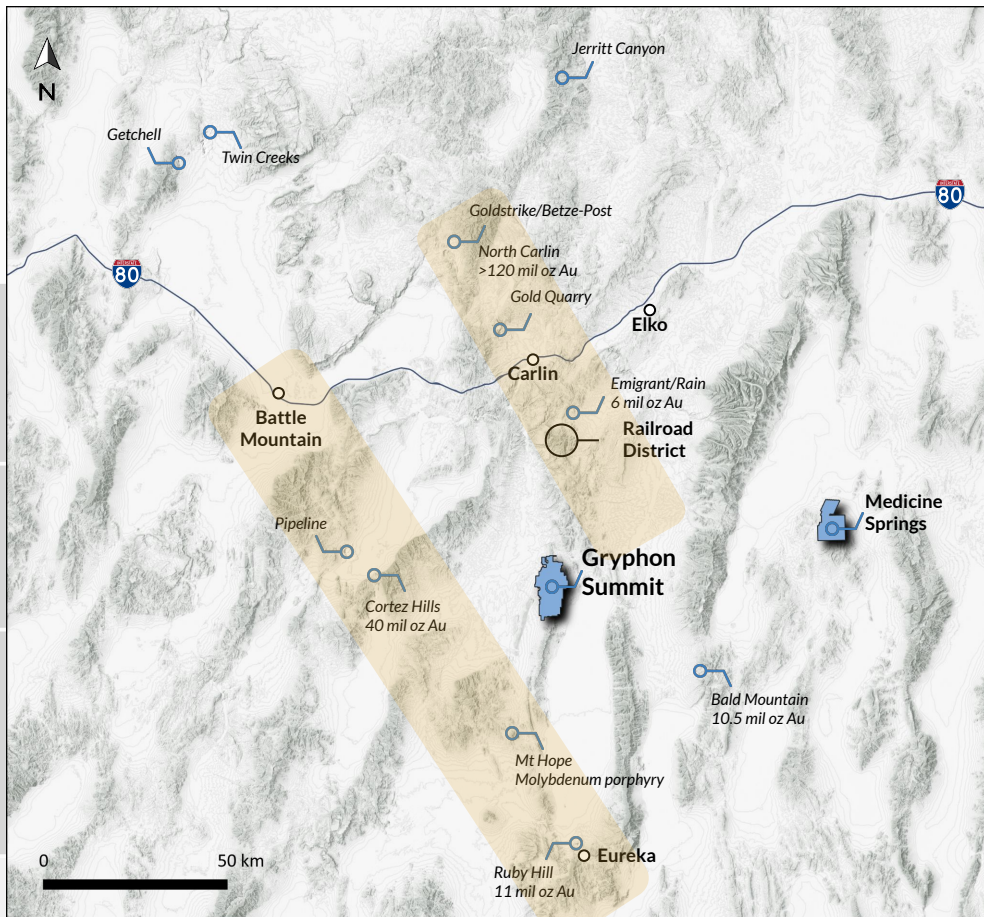
16 x 8 km geochemical anomalies  
of anomalous mineralization

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

*- Dr. Peter Megaw,  
Chief Technical Advisor*

## LOCATION

# Gryphon



# Gryphon

## LOCATION

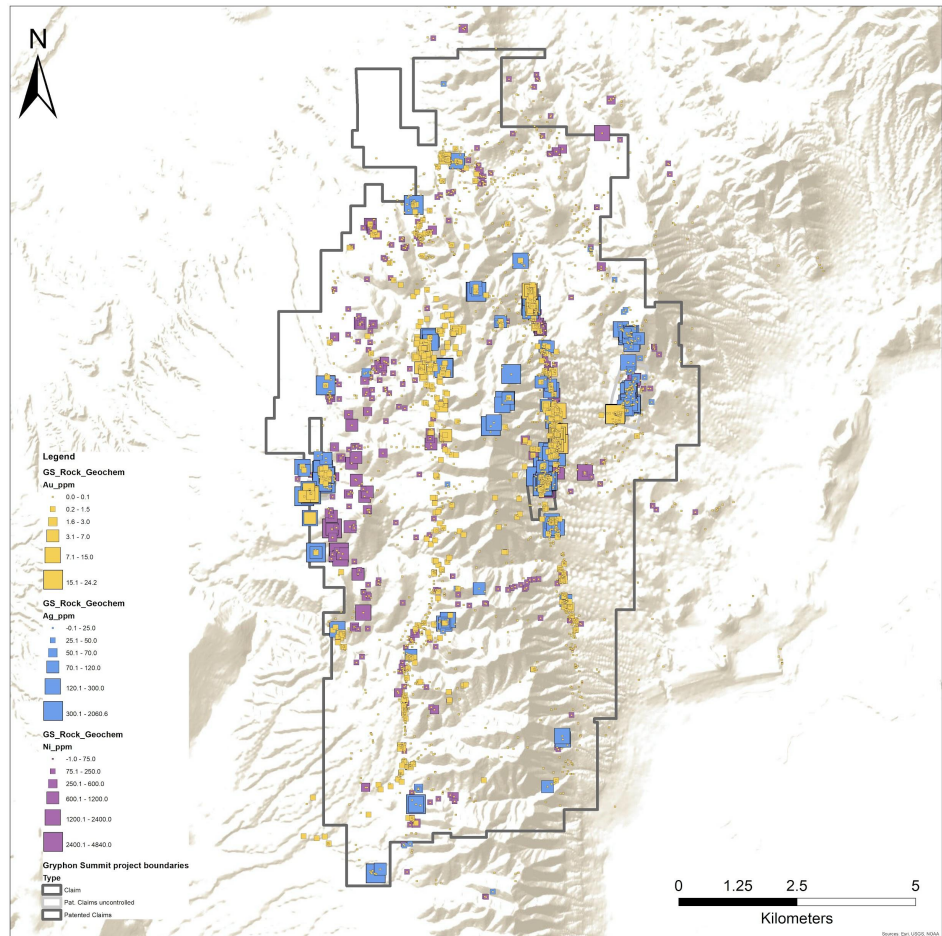
- EUREKA - 72 km NW where two major regional mineralization styles are co-mingled: Carlin + CRD.
- TRENDS - Between the Battle Mtn-Eureka and Carlin Trends.

## TRIFECTA POTENTIAL

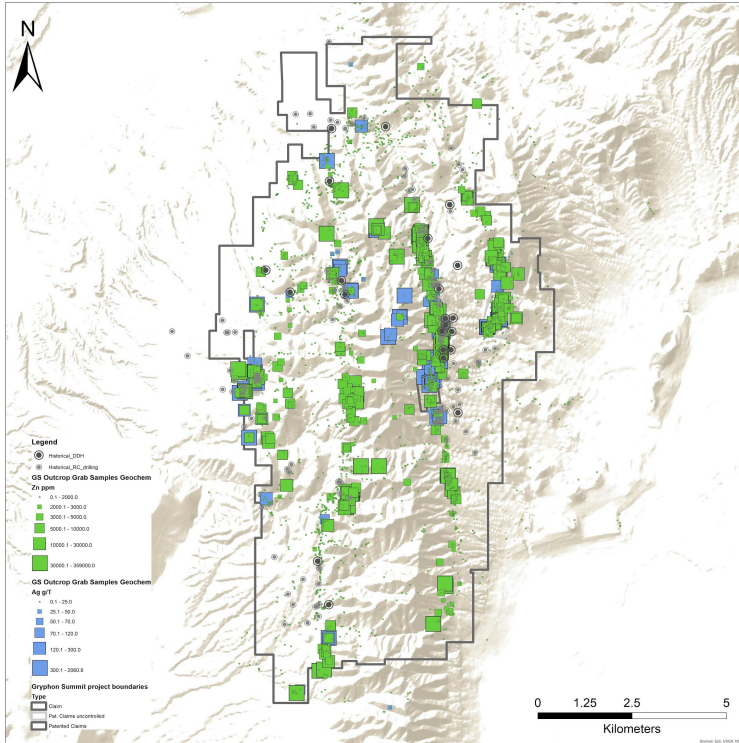
- GOLD - Carlin-style Gold Mineralization
- SILVER - CRD Ag-Pb-Zn Mineralization
- Nickel - Starabound Ni-Zn Mineralization

## 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.



# Gryphon



- CRD INITIAL CHECKLIST  
Features common to all large known CRD deposits
- Location - Main Street CRD/Porphyry belt
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- Ag (+400 g/t), Au, Zn, Pb, Cu, +Mn, As, W...
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- Granitic Stock Contact Skarn = Target

Megaw, et al., 1996, 1998, 2020



## For more information

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# Archie's Rule

$$[NSR = 2 \times OC]$$

Similar plots can be made for any commodity and mining scenario

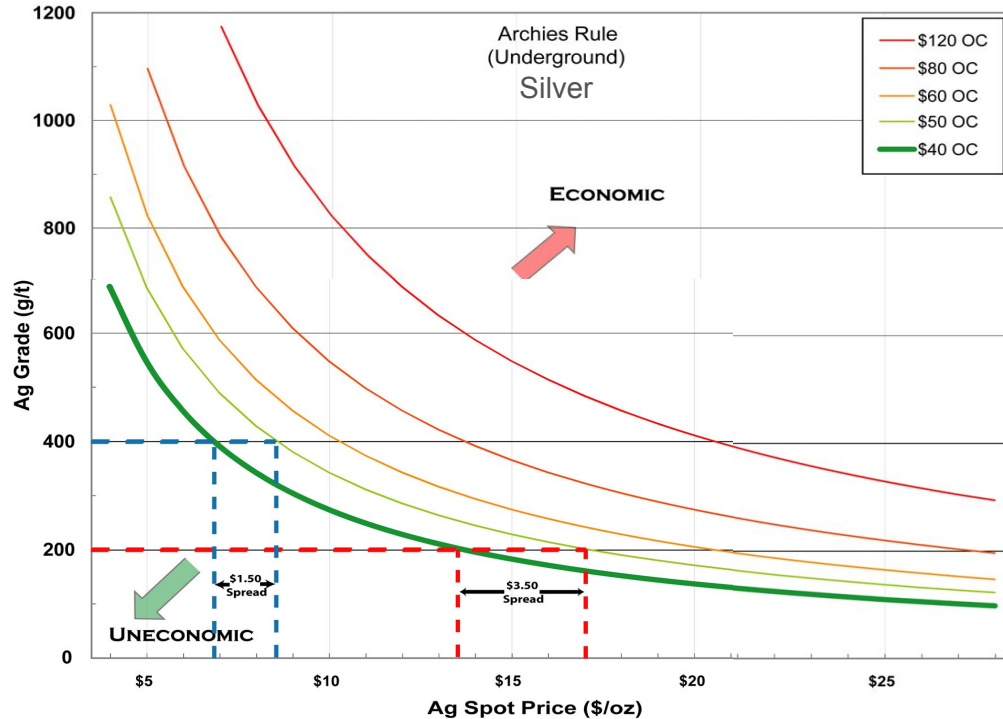
NSR = net smelter recovery  
OC = all-in operating costs

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)

# Batopilas

“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	<b>1.5</b>	<b>398</b>
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	<b>1.45</b>	<b>1405</b>
BA23-58	24.45	25.75	1.3	192
BA23-58	25.75	27.0	<b>1.25</b>	<b>636</b>
BA23-58	27.0	28.5	1.5	288
BA23-58	28.5	30.0	<b>1.5</b>	<b>936</b>
BA23-58	30.0	31.5	1.5	14.6
BA23-58	31.5	33.0	1.5	6.8

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

# Guigui

## NEWLY DISCOVERED SKARN ZONE DRILLING HIGHLIGHTS

*'This combination of repeated sulphide mineralization overprinting pervasive high-temperature alteration ("skarn") within a highly felsic intrusion strongly suggests that Hole GG21-28 lies close to the undiscovered source of the Santa Eulalia CRD system.'*

- Dr. Peter Megaw

Hole ID	From (m)	To (m)	Width (m)*	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	Zones
<b>GG-21-28</b>	1309.60	1364.50	54.90	23.22	0.67	1.86	-	<b>Entire Mineralized Skarn</b>
<i>Including</i>	1309.60	1348.70	39.10	8.16	0.06	0.24	-	Intermittent mineralized Zone
<i>Including</i>	1348.70	1364.50	15.80	60.51	2.19	<b>5.85</b>	-	Coherent mineralization Zone
<i>Including</i>	1348.70	1351.00	2.30	<b>184.92</b>	4.32	2.89	-	Silver Zone
<i>with</i>			0.59	<b>523.00</b>	3.87	0.25		
<i>Including</i>	1353.10	1355.24	2.14	50.46	1.99	<b>11.30</b>	-	Zinc-Lead Zone
<i>Including</i>	1358.06	1358.55	0.49	-	-	-	<b>1.59</b>	Copper Zone
<i>Including</i>	1358.55	1364.50	5.95	51.00	2.93	<b>9.31</b>	-	Zinc Zone

\*True widths of the reported mineralized intervals have not been determined