



# Exploration Done Differently

September 6, 2023

Corporate Deck

TSX-V: RDG | OTCQB: RDGMF |  
FRA: OGC0



## CAUTIONARY STATEMENT

# Disclaimer

## Forward Looking Statements

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**Qualified Persons.** Michael Harp, CPG., Vice President, Exploration, is the Qualified Person as defined by National Instrument 43-101 and has reviewed and approved the technical data in this presentation.

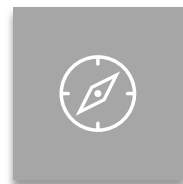
### Footnotes:

- (1) Adjacent Properties. This presentation contains information about adjacent properties on which Ridgeline Minerals does not have the right to explore or mine. Investors are cautioned that mineralization on adjacent properties is not necessarily indicative of mineralization that may be hosted on the Company’s properties.
- (2) Readers are cautioned that the exploration targets at the Carlin-East, Swift, Bell Creek, Selena and Robber Gulch properties are early-stage exploration prospects and conceptual in nature. There has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result in the target being delineated as a mineral resource.
- (3) Historical information contained in this presentation, maps or figures regarding the Company’s project or adjacent properties cannot be relied upon as the Company’s QP, as defined under NI 43-101 has not prepared nor verified the historical information.
- (4) Source: Fraser Institute Annual Survey of Mining Companies 2018. Investment Attractiveness Index weights both policy perception (taxation levels, onerous regulations, quality of infrastructure, etc.) and mineral potential (40% / 60%) of 83 countries and provinces/states
- (5) Source: Barrick Gold Quarterly Reporting: [https://s25.q4cdn.com/322814910/files/doc\\_presentations/2021/Barrick-Q4-2020-Results-Presentation.pdf](https://s25.q4cdn.com/322814910/files/doc_presentations/2021/Barrick-Q4-2020-Results-Presentation.pdf)
- (6) Source: Quaterra Resources Inc. Website: [https://quaterra.com/wp-content/uploads/qta\\_bv\\_web\\_0624.pdf](https://quaterra.com/wp-content/uploads/qta_bv_web_0624.pdf)
- (7) Source: Barrick Gold Q3 2021 Quarterly Reporting [https://s25.q4cdn.com/322814910/files/doc\\_presentations/2021/11/Barrick\\_Q3\\_2021\\_Results\\_Presentation.pdf](https://s25.q4cdn.com/322814910/files/doc_presentations/2021/11/Barrick_Q3_2021_Results_Presentation.pdf)
- (8) Source: Exvenco Resources Inc., 1986, Internal Report on Artesian City Project, Cassia County, Idaho.
- (9) Source: Barrick Gold Q4, 2022 Quarterly Reporting: [https://s25.q4cdn.com/322814910/files/doc\\_presentations/2023/Barrick\\_Q4\\_2022\\_Results\\_Presentation.pdf](https://s25.q4cdn.com/322814910/files/doc_presentations/2023/Barrick_Q4_2022_Results_Presentation.pdf)
- (10) Source: South32 Feasibility Study (2022) <https://www.south32.net/our-business/exploration-projects/hermosa>
- (11) Source: Reyna Silver Presentation (2020) <https://reynasilver.com/presentations/GuiguilProject.pdf>
- (12) Source: Mag Silver Annual Information Form (2016) <https://magsilver.com/site/assets/files/4659/aif2015.pdf>
- (13) Source: Barrick Gold Investor Day, November 2022 Presentation [https://s25.q4cdn.com/322814910/files/doc\\_presentations/2022/11/Barrick\\_2022\\_Investor\\_Day\\_07\\_Exploration.pdf](https://s25.q4cdn.com/322814910/files/doc_presentations/2022/11/Barrick_2022_Investor_Day_07_Exploration.pdf)
- (14) Source: Smith, R.M., 1976, Mineral resources of Elko County, Nevada: U.S. Geological Survey Open-File Report 76-56, 201 p.
- (15) Source: <https://reynasilver.com/system/uploads/RS-PressRelease-20230117.pdf>
- (16) Source: <https://www.i80gold.com/i-80-gold-hilltop-discovery-yields-bonanza-grade-crd-mineralization-at-ruby-hill/>
- (17) Source: Arizona Mining Discovers New Zone – Taylor Deeps | INN (investingnews.com)
- (18) Source: [https://s25.q4cdn.com/322814910/files/doc\\_presentations/2023/Barrick\\_Q2\\_2023\\_Results\\_Presentation.pdf](https://s25.q4cdn.com/322814910/files/doc_presentations/2023/Barrick_Q2_2023_Results_Presentation.pdf)

ABOUT US

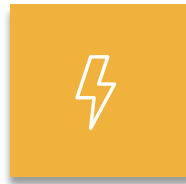
# Ridgeline Minerals

Ridgeline is a Western US focused precious and base metal explorer with a portfolio of six highly prospective exploration projects in Nevada and Idaho and a multi-project partnership with Nevada Gold Mines (NGM)



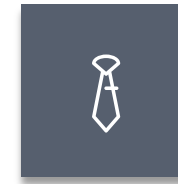
## WORLD-CLASS LOCATIONS

Nevada & Idaho – 204km<sup>2</sup> exploration portfolio in two of the top ranked mining jurisdictions in the world<sup>(4)</sup>



## CRD DISCOVERY

100% owned Selena high-grade silver-gold-lead-zinc discovery with significant growth potential



## US\$40M NGM EARN-IN

NGM earn-in agreements at the Swift & Carlin-East projects highlights Tier-1 discovery potential



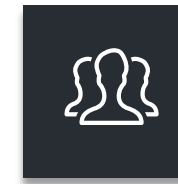
## LEVERAGED EXPLORATION

Partnership with NGM led to a ~3:1 multiple on every Ridgeline exploration dollar in 2022  
-\$US 5M spent at Swift to-date



## PROVEN TRACK RECORD

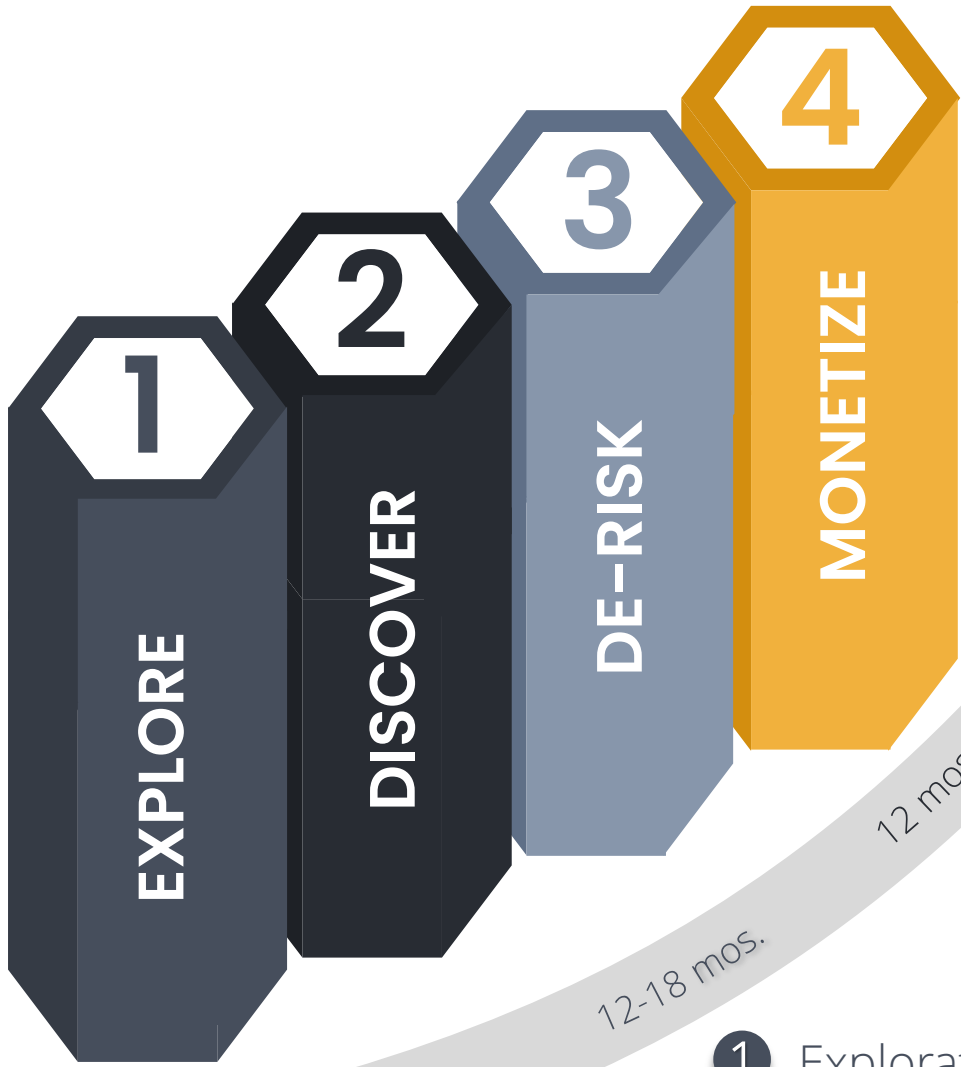
Team responsible for 50+ Moz of global gold discoveries over the past 30 years



## SHAREHOLDER FRIENDLY STRUCTURE

Tight share float with 10% management ownership

# Business Model



## Value Creation Through Discovery

- 12-18 mos. 1 Exploration Pipeline & Partner Projects  
*\*Mix of 100% owned and partner funded*
- 12 mos. 2 Discoveries advanced
- 12-24 mos. 3 Maiden resource
- 4 Monetize asset via sale

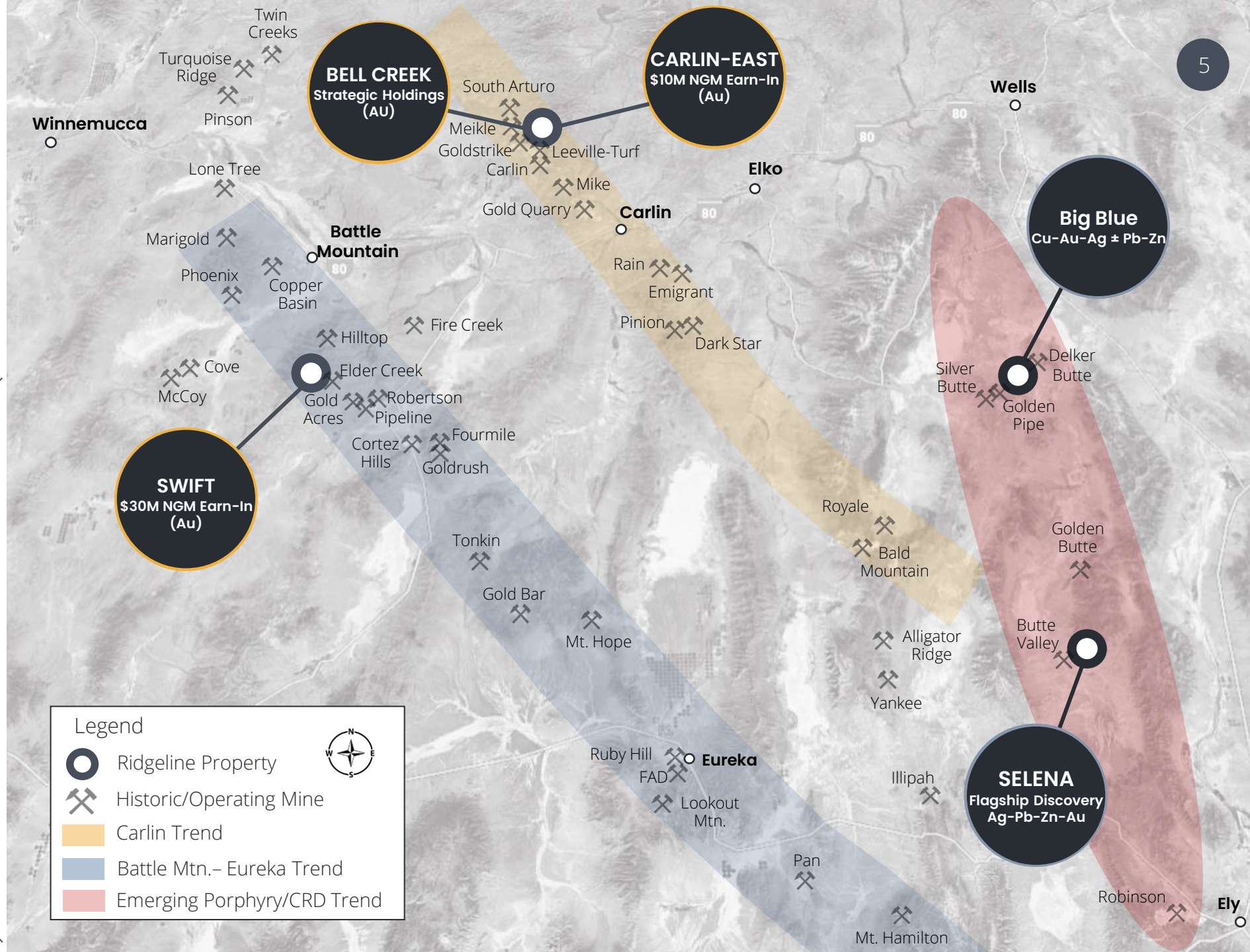
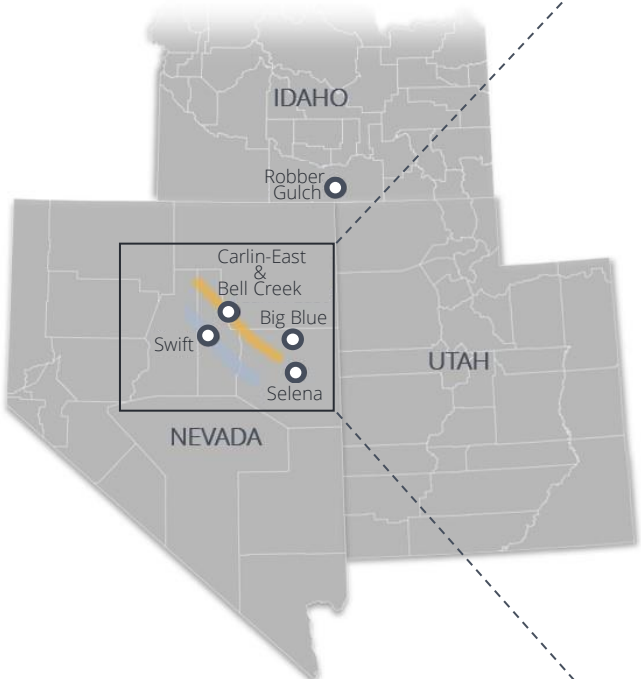


CORE LAND POSITIONS

# 6 Projects

204km<sup>2</sup> Exploration Portfolio  
in Nevada & Idaho

Porphyry/CRD  
&  
Carlin-Type Gold



**Legend**

- Ridgeline Property
- Historic/Operating Mine
- Carlin Trend
- Battle Mtn.-Eureka Trend
- Emerging Porphyry/CRD Trend

# 2023 Exploration Strategy

## FLAGSHIP CRD DISCOVERY

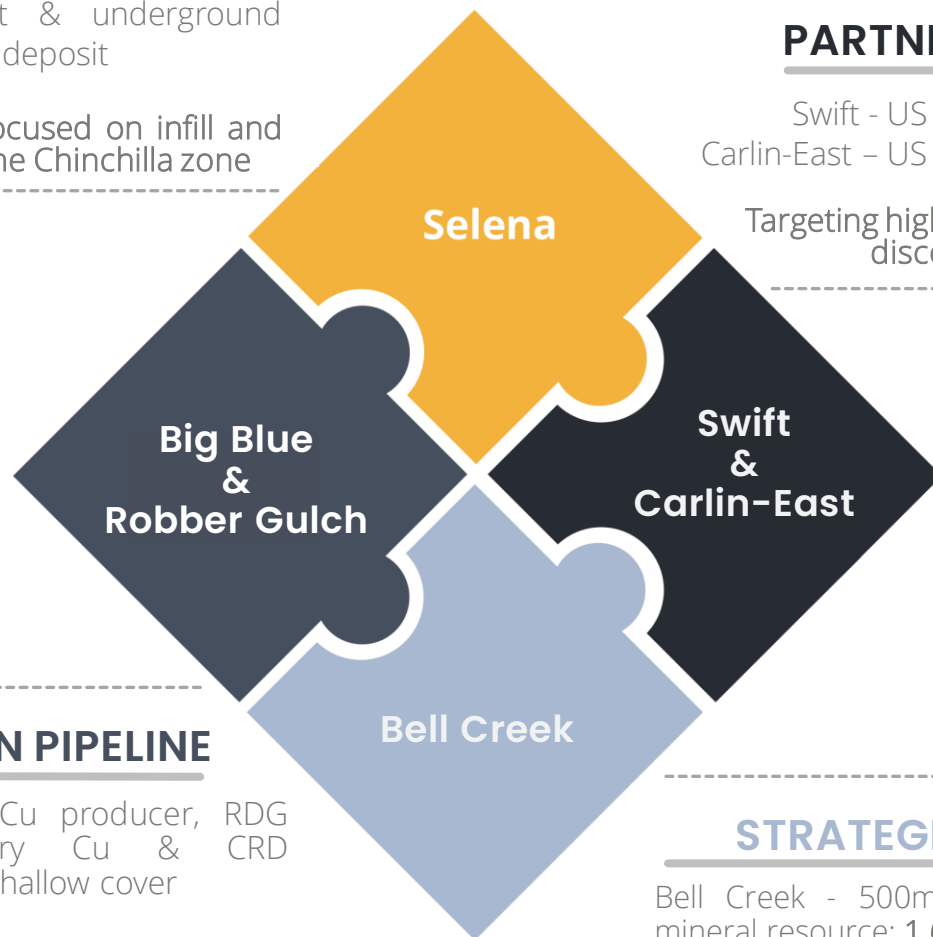
Targeting open-pit & underground Ag-Pb-Zn-Au (CRD) deposit

Q3 2023 drilling focused on infill and step-out holes at the Chinchilla zone

## PARTNER PROJECTS

Swift - US \$30M NGM earn-in  
Carlin-East - US \$10M NGM earn-in

Targeting high-grade, Tier-1 gold discoveries (>5M oz Au)



## EXPLORATION PIPELINE

Big Blue - Past Cu producer, RDG targeting porphyry Cu & CRD discoveries under shallow cover

Robber Gulch - Historical oxide gold discovery, limited modern exploration

Low-cost exploration programs in 2023

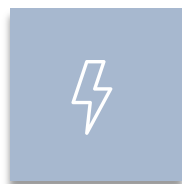
## STRATEGIC HOLDINGS

Bell Creek - 500m from Ren inferred mineral resource: 1.6 Moz. Au @ 6.6 g/t<sup>(10)</sup>

Assessing strategic partnerships to advance project

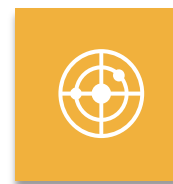
## SUMMARY

# Near-Term Catalysts



## Q3 2023

- Selena – Chinchilla zone, 3,000m drill program ✓
- Big Blue– Target generation and permitting ✓
- Swift – NGM drill program



## Q4 2023

- Selena – Chinchilla assay results
  - 200 acre PoO exploration permit (pending)
- Swift – NGM Assay results

## Corporate Catalysts

- Selena CRD discovery exhibits significant growth potential with 2023 to focus on infill and step-out along high-grade “chimney” and “manto” horizons
- US \$5.0M in NGM exploration expenditures spent at Swift to-date
  - Additional drilling in Q3 2023, fully funded by NGM (Tier-One discovery potential)
- US \$10.0M earn-in agreement with NGM at Carlin-East
- Strategic Carlin Trend land position at Bell Creek adjacent to multi-million-ounce Ren gold deposit

# ALIGNED WITH SHAREHOLDERS Capital Structure

As at September 1, 2023

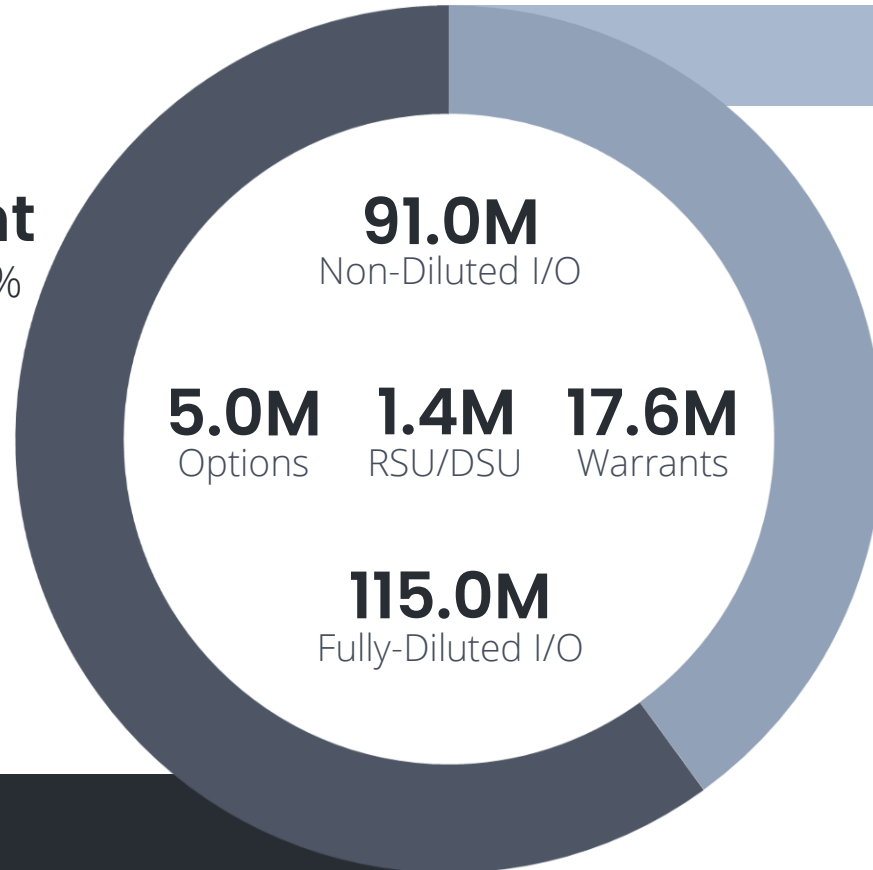


## 9.8% Management

- Chad Peters – 4.2%



## Cash ~ C\$2.8M



## Large Shareholders

- Stephens Investment Mgmt.
- Rick Rule
- Extract Capital
- EMX Royalty Corp.
- Chad Peters (co-founder)
- Steve Neilsen (co-founder)

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- 6.3M warrants @ \$0.30 (expire Sep 2024)
- 11.3M warrants @ \$0.30 (expire April 2025)





# Management Team



**Chad Peters *B.Sc., P.Geo***  
*President, CEO & Director*

- Led multi-million-ounce high-grade CSD Gap discovery in Nevada
- Discovered 10+ Moz of gold in Canada & the US with Premier Gold Mines prior to founding Ridgeline in 2018



**Mike Harp *M.Sc., CPG***  
*Vice President, Exploration*

- Led multi-million-ounce North Dark Star discovery with Gold Standard Ventures
- 10+ years exploration experience in Nevada



**Duane Lo *CPA (CA)***  
*CFO & Director*

- 20+ years of international accounting & financial management experience for various public companies
- Current CFO of Entrée Resources and former CFO of Mason Resources



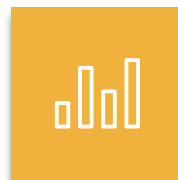
## NEVADA PROJECTS

# Selena

39 km<sup>2</sup> Land Package  
Carbonate Replacement Deposit  
Ag-Pb-Zn-Au

**VERIFY**[Click Here](#)**100% OWNED**

39km<sup>2</sup> land package located directly adjacent to Freeport-McMoRan's US \$33M earn-in at the Butte Valley Porphyry

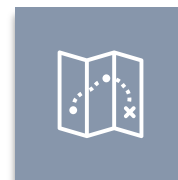
**HIGH-GRADE**

Chinchilla Zone

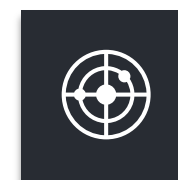
- 6.1m @ 480 g/t Ag, 12.0% Pb, 6.4% Zn, 0.1 g/t Au, in SE22-045

Juniper Zone

- 7.7m @ 725.2 g/t Ag, 1.3% Pb, 0.9% Zn 1.5 g/t Au, in LB-072

**THE OPPORTUNITY**

Define a large open-pit and underground CRD deposit (deposit analogues include Hilltop, Hermosa-Taylor, Cinco De Mayo,)

**2023 OBJECTIVE**

- Q3 – 3,000m core drill program to infill Chinchilla discovery
- Q4 – Plan of Operations Exploration permit approval

SELENA

## District-Scale Property

- 39km<sup>2</sup> contiguous land package in the historic Limousine Butte mining district in Nevada
- Shared boundary with the Butte Valley Porphyry, a US \$33M Freeport – McMoRan earn-in agreement with Falcon Butte Minerals (see October 3, 2022 Press Release [HERE](#))
  - Porphyry-Cu target being drilled now
- Project was historically explored for Au-Ag but unrecognized as a Carbonate Replacement Deposit (CRD) until Chinchilla discovery by Ridgeline Minerals in 2021



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# Discovery Potential



**Selena (Ridgeline)** → OPEN 3.7km + Strike  
 Discovery Holes (2021-2022<sup>(2)</sup>)  
 6.1m @ 480 g/t Ag, 6.4% Zn, 12.0% Pb, 0.1 g/t Au – SE22-045  
 4.6m @ 421.0 g/t Ag, 3.7% Zn, 4.4% Pb, 0.6 g/t Au – SE21-024

**Hilltop (I-80 Gold)** → 3.0km + Strike  
 Discovery Hole (2022<sup>(16)</sup>)  
 28.3m @ 515.3 g/t Ag, 10.5 % Zn , 28.9 % Pb, 0.9 g/t Au – iRH22-43

**Hermosa/Taylor (South32)** → 4.0km + Strike  
 Pre-Feasibility Study (2022<sup>(10)</sup>)  
 138 MT @ 81.0 g/t Ag, 3.8% Zn, 4.3% Pb

**Cinco De Mayo (Mag Silver)** → 3.0km + Strike  
 Inferred Mineral Resource (2012<sup>(12)</sup>)  
 12.5 MT @ 132.0 g/t Ag, 6.5% Zn, 2.9% Pb, 0.2 g/t Au

*\*Qualified Persons. Michael Harp, CPG., Vice President, Exploration, is the Qualified Person as defined by National Instrument 43-101 and has reviewed and approved the technical data in this presentation. The Company does not make any representation as to the accuracy of third-party information sources. In particular, references to other issuers and their mineral projects ("comparables") are for illustrative purposes only and there can be no assurances that the Company will achieve comparable results. Mineralization hosted on adjacent and/or nearby and/or geologically similar properties is not necessarily indicative of the potential mineralization hosted at Selena*



# SELENA

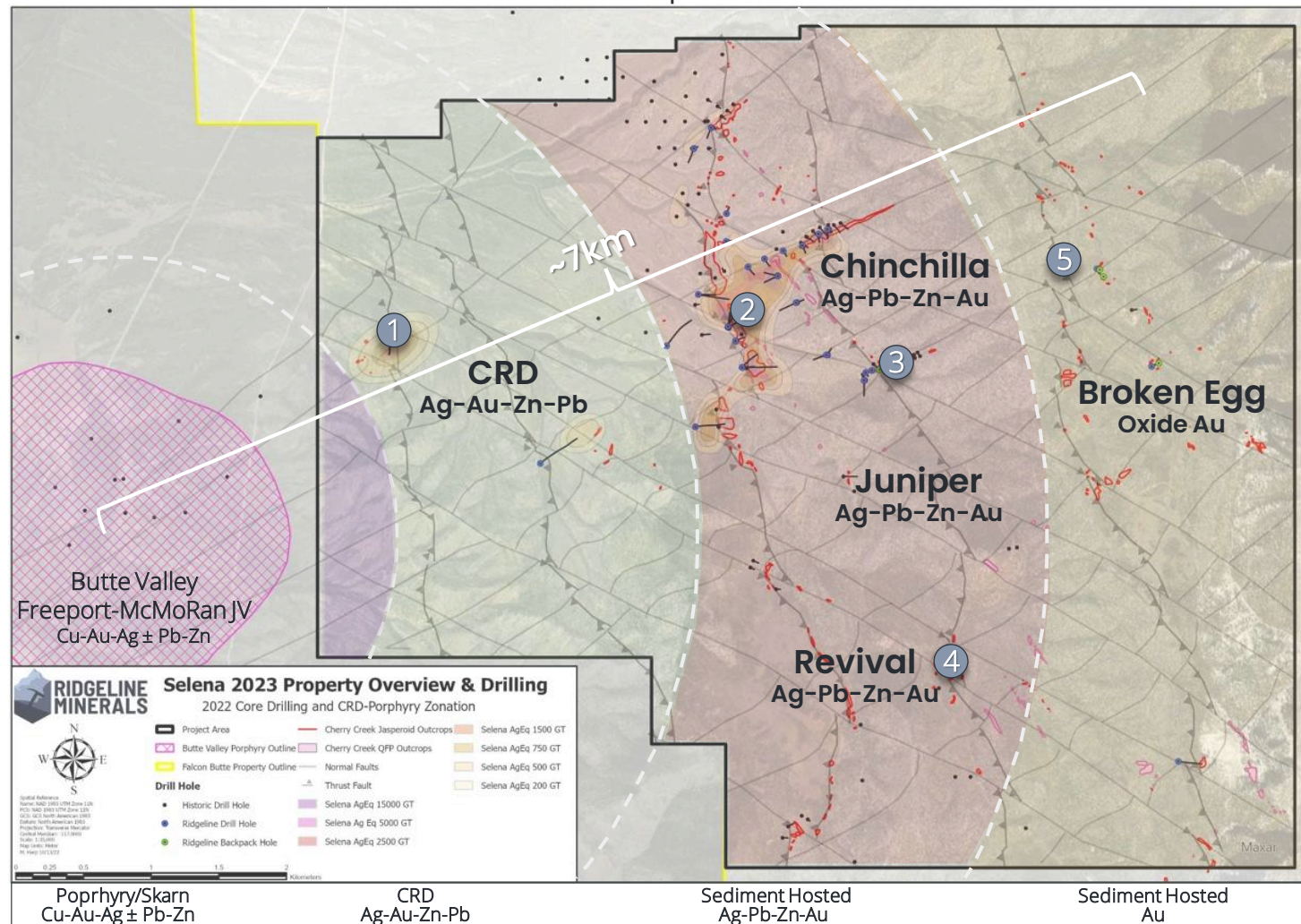
## Significant Scale

Multiple deposit types across 5 target areas

### Highlight Drill Intercepts By Target

- 1 3.0m @ 40.2 g/t Ag, 7.0% Pb-Zn, 3.0 g/t Au - SE22-037
- 2 6.1m @ 480.0 g/t Ag, 18.4% Pb-Zn, 0.1 g/t Au (SE22-045)  
4.6m @ 421.0 g/t Ag, 8.1% Pb-Zn, 0.6 g/t Au (SE21-024)  
7.6m @ 237.8 Ag, 3.9% Pb-Zn, 0.2 g/t Au (SE21-025)
- 3 1.0m @ 2,467.2 g/t Ag, 2.5% Pb-Zn, 5.1 g/t Au within  
7.7m @ 725.2 g/t Ag, 2.2% Pb-Zn, 1.5 g/t Au (LB-072)  
1.0m @ 1,195.2 g/t Ag, 0.3% Pb-Zn, 3.0 g/t Au (LB-070)
- 4 2.7m @ 34.57 g/t Ag, 1.4% Pb-Zn, 1.0 g/t Au (SEBP-005)
- 5 4.4m @ 0.68 g/t Au starting at 0.6m (SE22-044)

### Selena Deposit Zonation



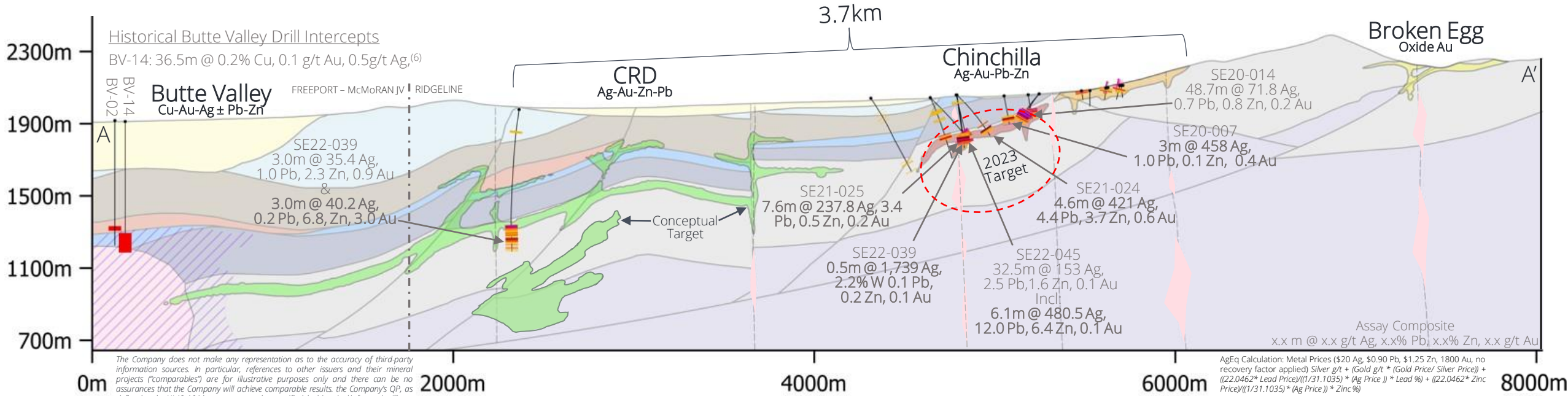
For a full table of Selena assay results click [HERE](#)



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# Chinchilla Long Section A-A'

- Chinchilla zone exhibits open-pit and underground potential over 3.7+ km of drilled strike that outcrops at surface
  - Q3 2023 drilling will target high-grade stacked Chimney and Manto CRD horizons adjacent to feeder faults at depth

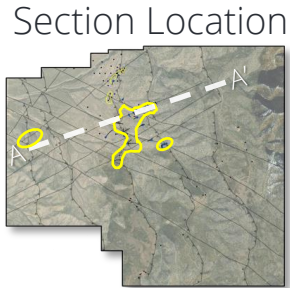


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Stratigraphy	
Alluvium	Joanna Limestone
Fanglomerate	Pilot Shale
Intrusion	Guilmette Limestone
Ely Limestone	Simonson Dolomite
Chainman Shale	Porphyry Hornfels-Skarn

Mineralization	
Au Oxide	Ag-Au ± Pb-Zn Oxide
Ag-Au-Pb-Zn Oxide	Ag-Au-Pb-Zn Sulfide Target
Fault	Inferred Fault

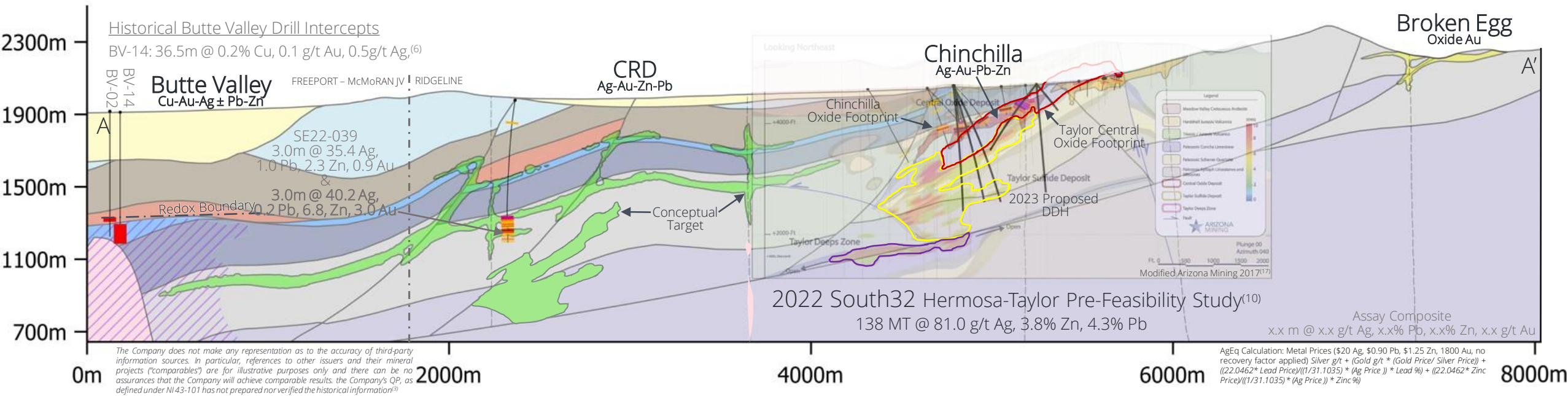
Drill Trace (AgEq g/t)	
≤ 20	> 500
≤ 50	
≤ 100	
≤ 200	
≤ 500	



SELENA

# Taylor Deposit Overlay

- Long Section of the Hermosa/Taylor Deposit overlain to scale at Chinchilla is for illustrative purposes only
  - Highlights potential at depth as previous drilling at Chinchilla has only tested the top of the carbonate host section



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Stratigraphy

Alluvium	Joanna Limestone
Fanglomerate	Pilot Shale
Intrusion	Guilmette Limestone
Ely Limestone	Simonson Dolomite
Chainman Shale	Porphyry Hornfels-Skarn

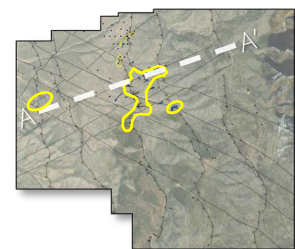
Mineralization

Au Oxide	Fault
Ag-Au ± Pb-Zn Oxide	Inferred Fault
Ag-Au-Pb-Zn Oxide	
Ag-Au-Pb-Zn Sulfide Target	

Drill Trace (AgEq g/t)

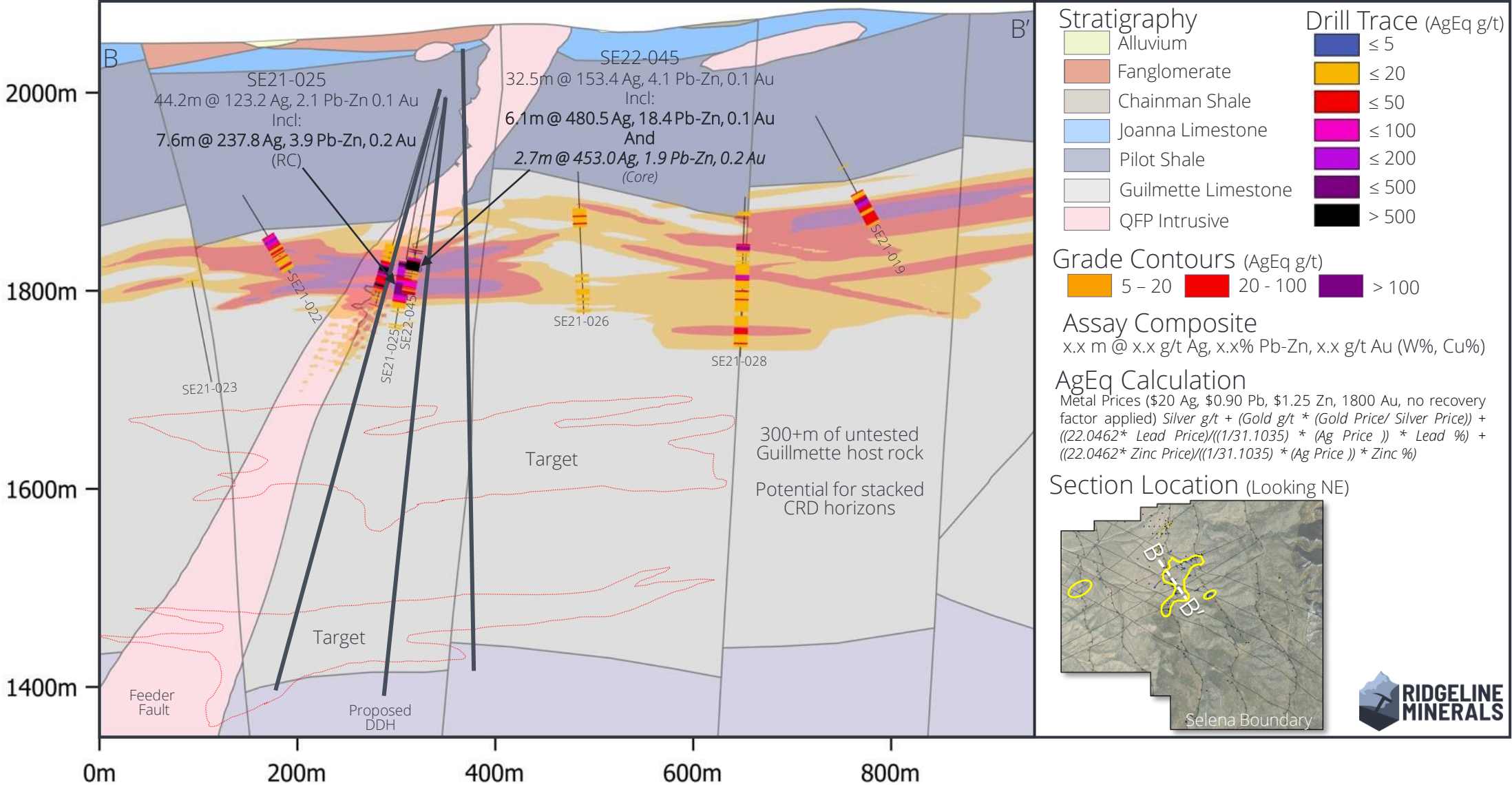
≤ 20	> 500
≤ 50	
≤ 100	
≤ 200	
≤ 500	

Section Location



SELENA

# Chinchilla X-Section B-B'



2000m  
1800m  
1600m  
1400m  
0m 200m 400m 600m 800m

SE21-025  
44.2m @ 123.2 Ag, 2.1 Pb-Zn, 0.1 Au  
Incl:  
7.6m @ 237.8 Ag, 3.9 Pb-Zn, 0.2 Au (RC)

SE21-026

SE22-045  
32.5m @ 153.4 Ag, 4.1 Pb-Zn, 0.1 Au  
Incl:  
6.1m @ 480.5 Ag, 18.4 Pb-Zn, 0.1 Au  
And  
2.7m @ 453.0 Ag, 1.9 Pb-Zn, 0.2 Au (Core)

SE21-028

SE21-019

SE21-023

Feeder Fault

Proposed DDH

Target

Target

300+m of untested Guilmette host rock  
Potential for stacked CRD horizons

**Stratigraphy**

- Alluvium
- Fanglomerate
- Chainman Shale
- Joanna Limestone
- Pilot Shale
- Guilmette Limestone
- QFP Intrusive

**Drill Trace (AgEq g/t)**

- ≤ 5
- ≤ 20
- ≤ 50
- ≤ 100
- ≤ 200
- ≤ 500
- > 500

**Grade Contours (AgEq g/t)**

- 5 - 20
- 20 - 100
- > 100

**Assay Composite**  
 x.x m @ x.x g/t Ag, x.x% Pb-Zn, x.x g/t Au (W%, Cu%)

**AgEq Calculation**  
 Metal Prices (\$20 Ag, \$0.90 Pb, \$1.25 Zn, 1800 Au, no recovery factor applied)  
 $AgEq = Silver\ g/t + (Gold\ g/t * (Gold\ Price / Silver\ Price)) + ((22.0462 * Lead\ Price) / ((1/31.1035) * (Ag\ Price))) * Lead\ \% + ((22.0462 * Zinc\ Price) / ((1/31.1035) * (Ag\ Price))) * Zinc\ \%$

**Section Location (Looking NE)**

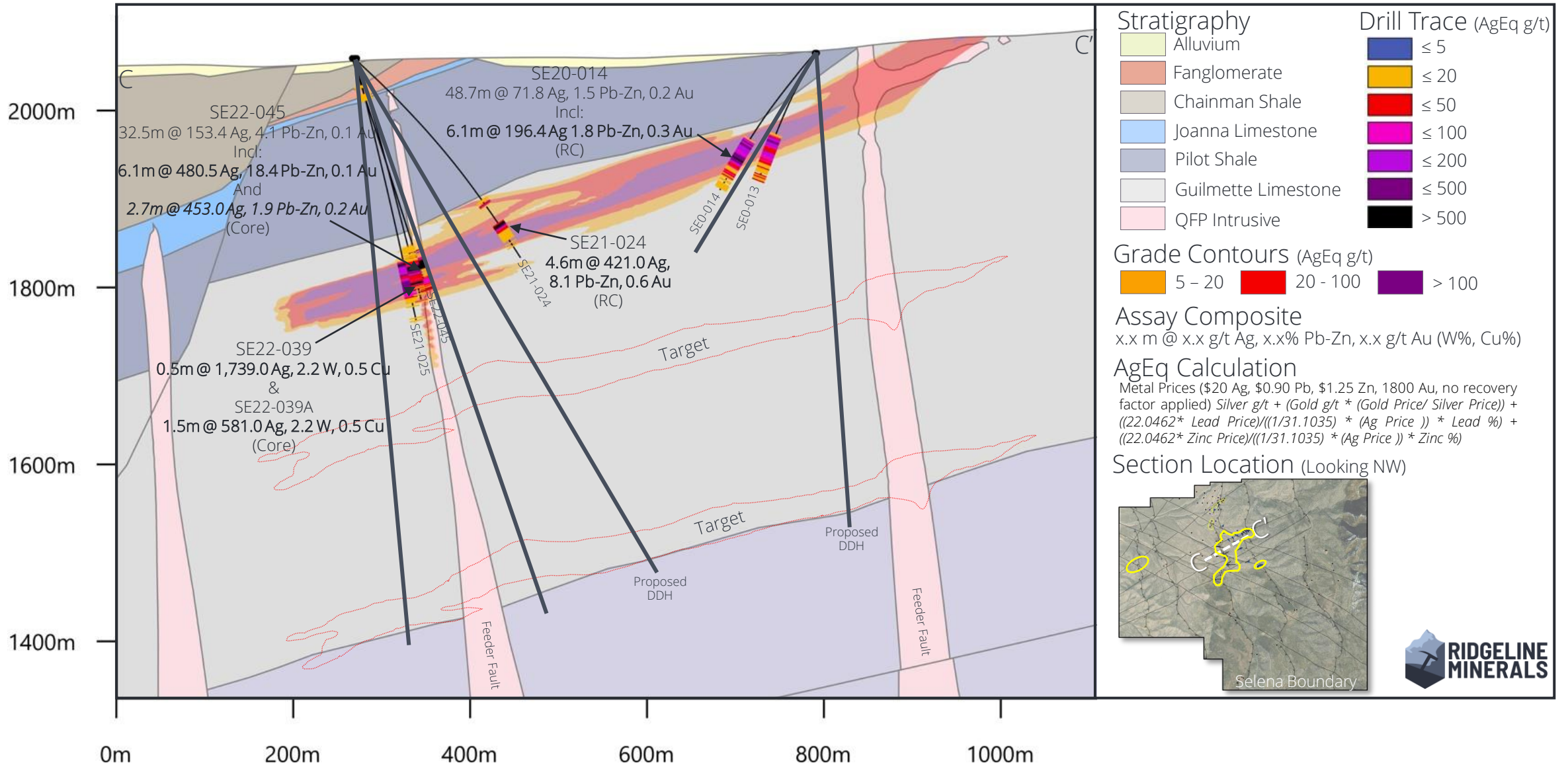
Selena Boundary

**RIDGELINE MINERALS**



SELENA

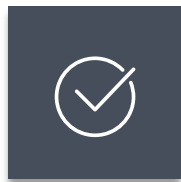
# Chinchilla X-Section C-C'



## NEVADA PROJECTS

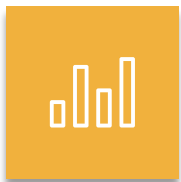
# Big Blue

41 km<sup>2</sup> Land Package  
Porphyry & CRD  
Cu-Au-Ag ± Pb-Zn



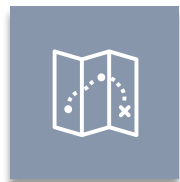
### 100% OWNED

41km<sup>2</sup> land package covers past producing Delker Mine and is located directly adjacent to Reyna Silvers Medicine Springs CRD project



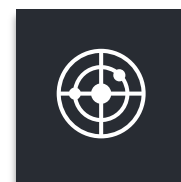
### HIGH-GRADE

- Delker Mine Trench
- **0.6m @ 15.5% Cu within 2.4m @ 4.6% Cu**
- Skarn Hill Rock Chips
- **6.44% Cu, 0.16 g/t Au, 53.75 g/t Ag**



### THE OPPORTUNITY

Potential to discover new porphyry Cu-Au and Carbonate Replacement Ag-Pb-Zn deposits (deposit analogues include Butte Valley Porphyry, Selena Project)



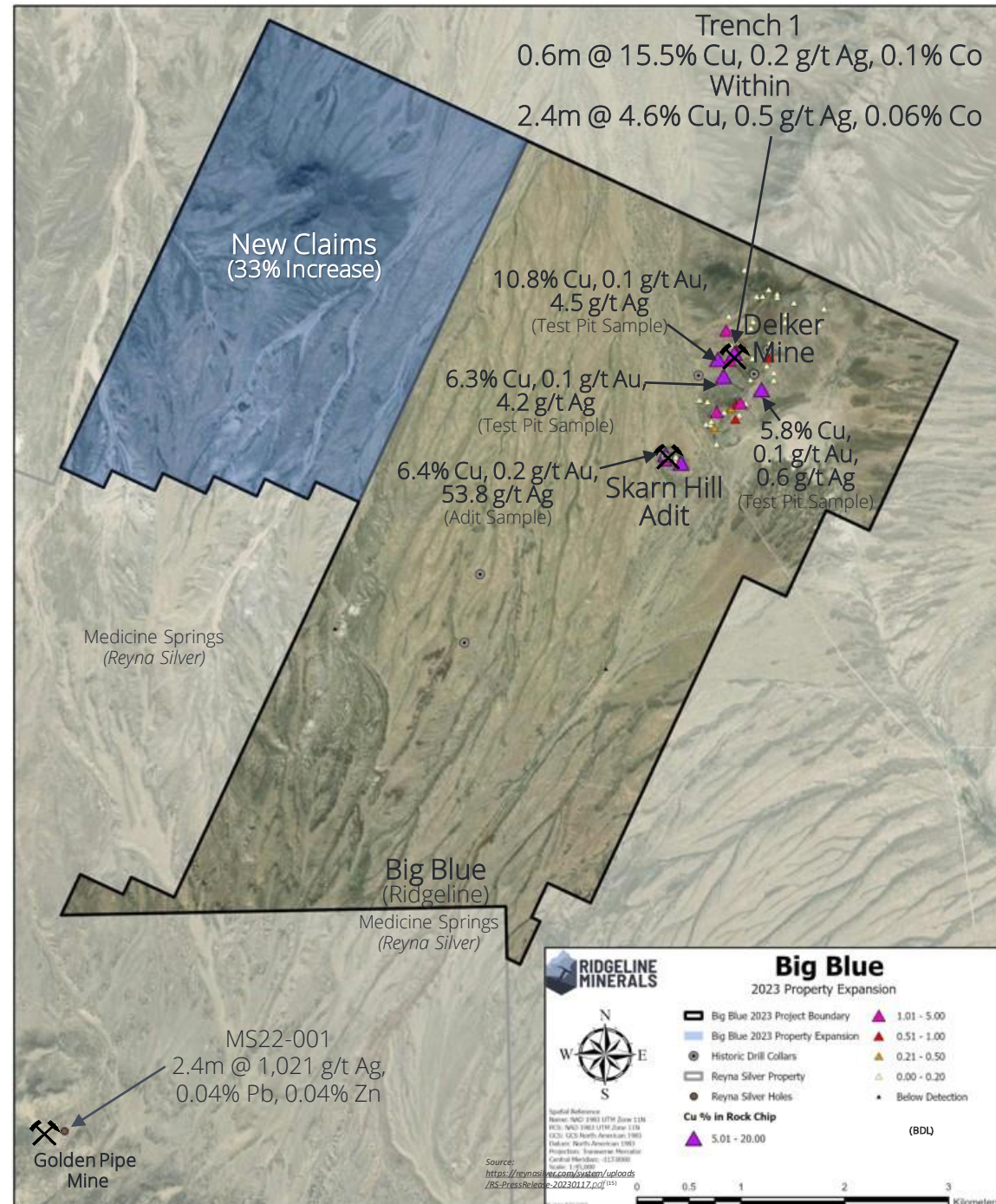
### 2023 OBJECTIVE

- H1 – Database compilation,
- H2 – geologic modeling

# Big Blue

## Historic Cu District

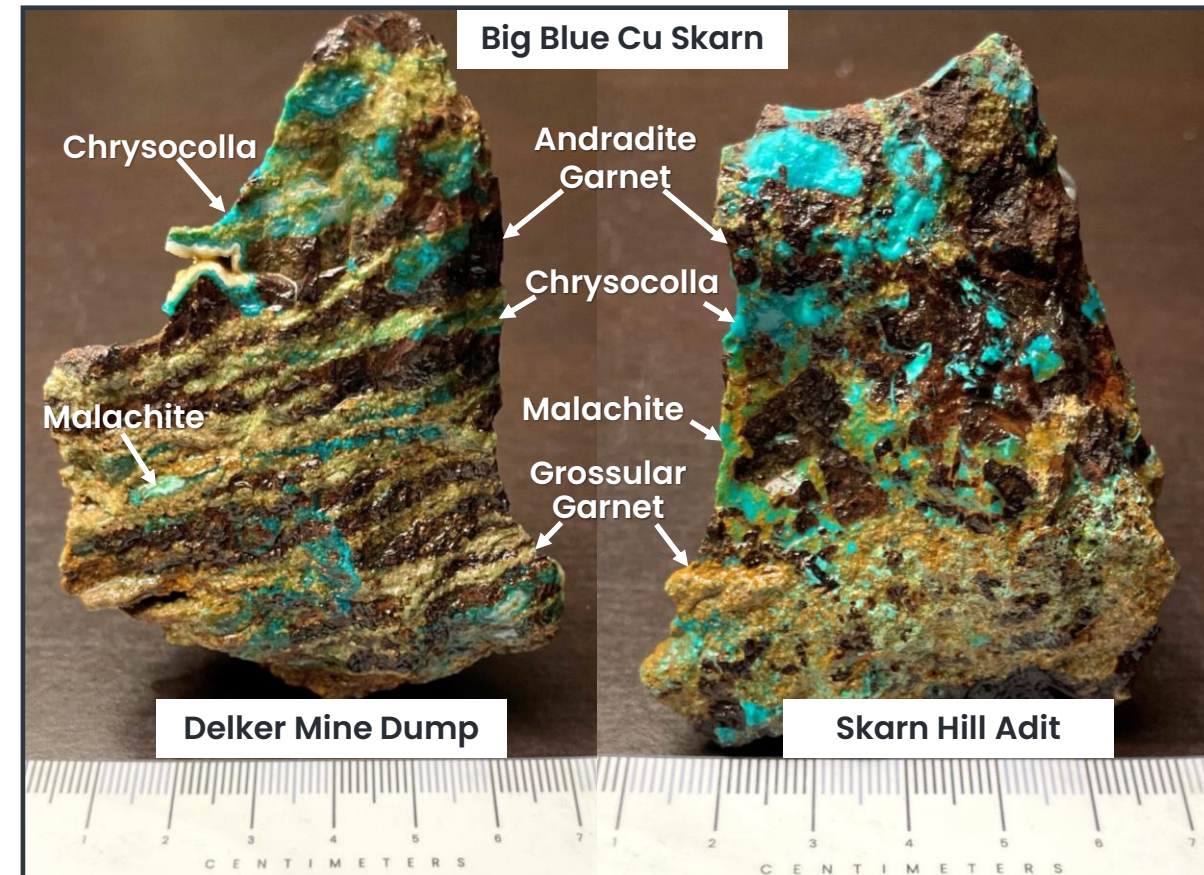
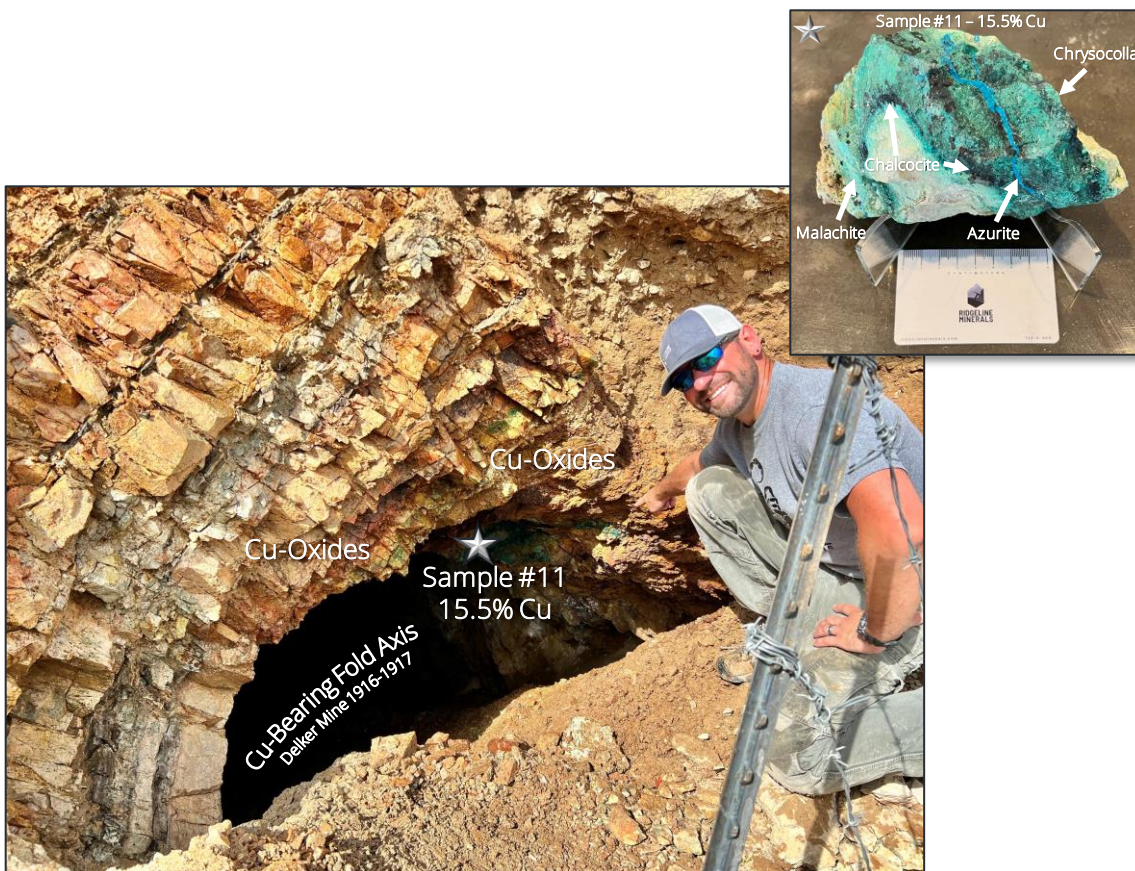
- The Big Blue Project includes the past producing Delker Mine, which produced 94,434 pounds of copper at an average grade of 6.2% Cu between 1916-1917<sup>(14)</sup>
  - Ridgeline Trench #1 at Delker returned up to **0.6m @ 15.5% Cu**
- Porphyry Cu and CRD targets have not been adequately tested at depth or along strike towards Medicine Springs
- Shared southern boundary with Reyna Silver's Medicine Springs Ag-Pb-Zn Carbonate Replacement ("CRD") project



## Big Blue

# Cu Skarn Rock Chips

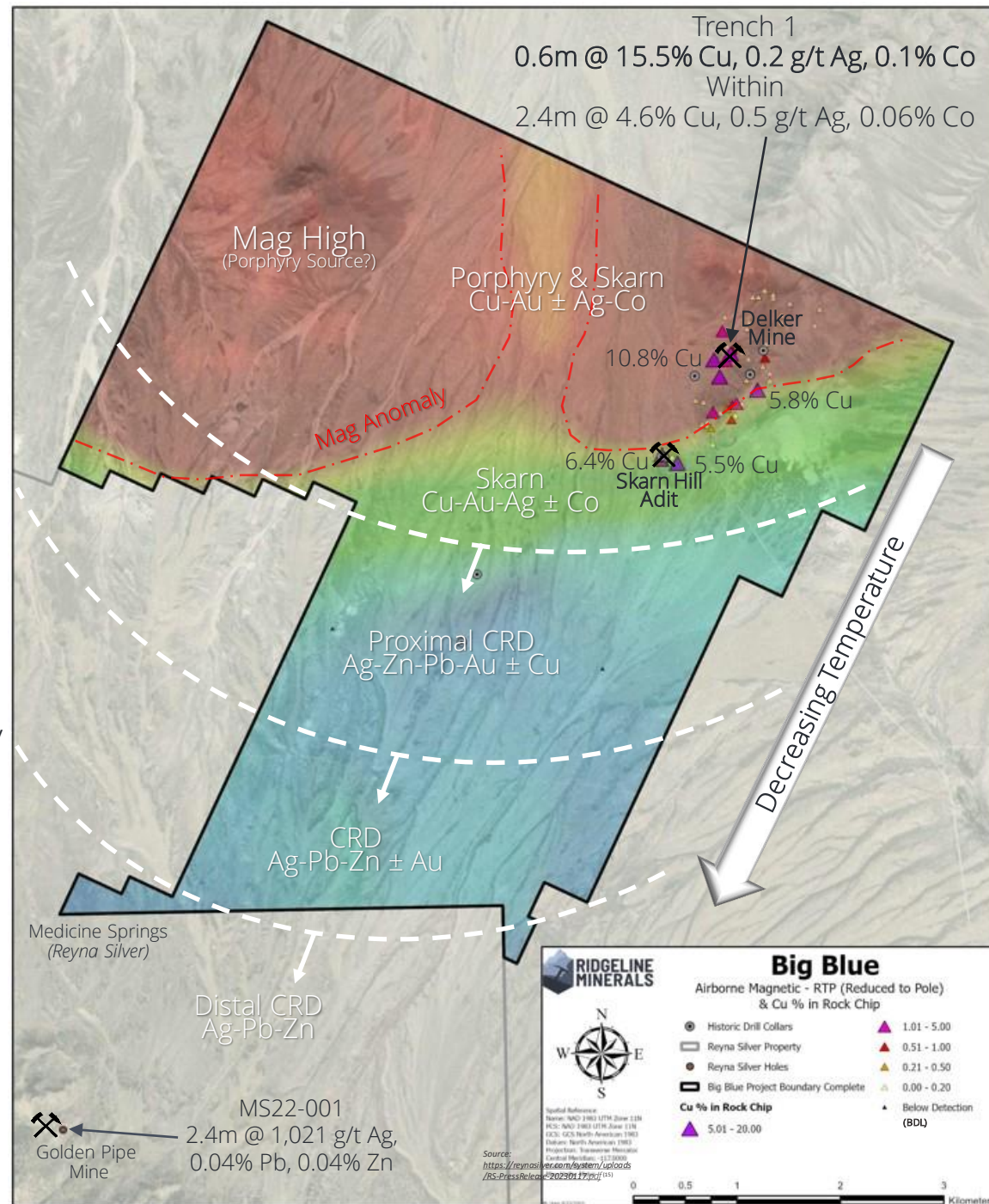
- Historical mining at the Delker Mine targeted enriched oxide Cu skarn within 5 meters of the surface
- Historic operators did not explore under alluvial cover to target a conceptual porphyry Cu-Au source in the valley



# Big Blue

## Porphyry Zonation

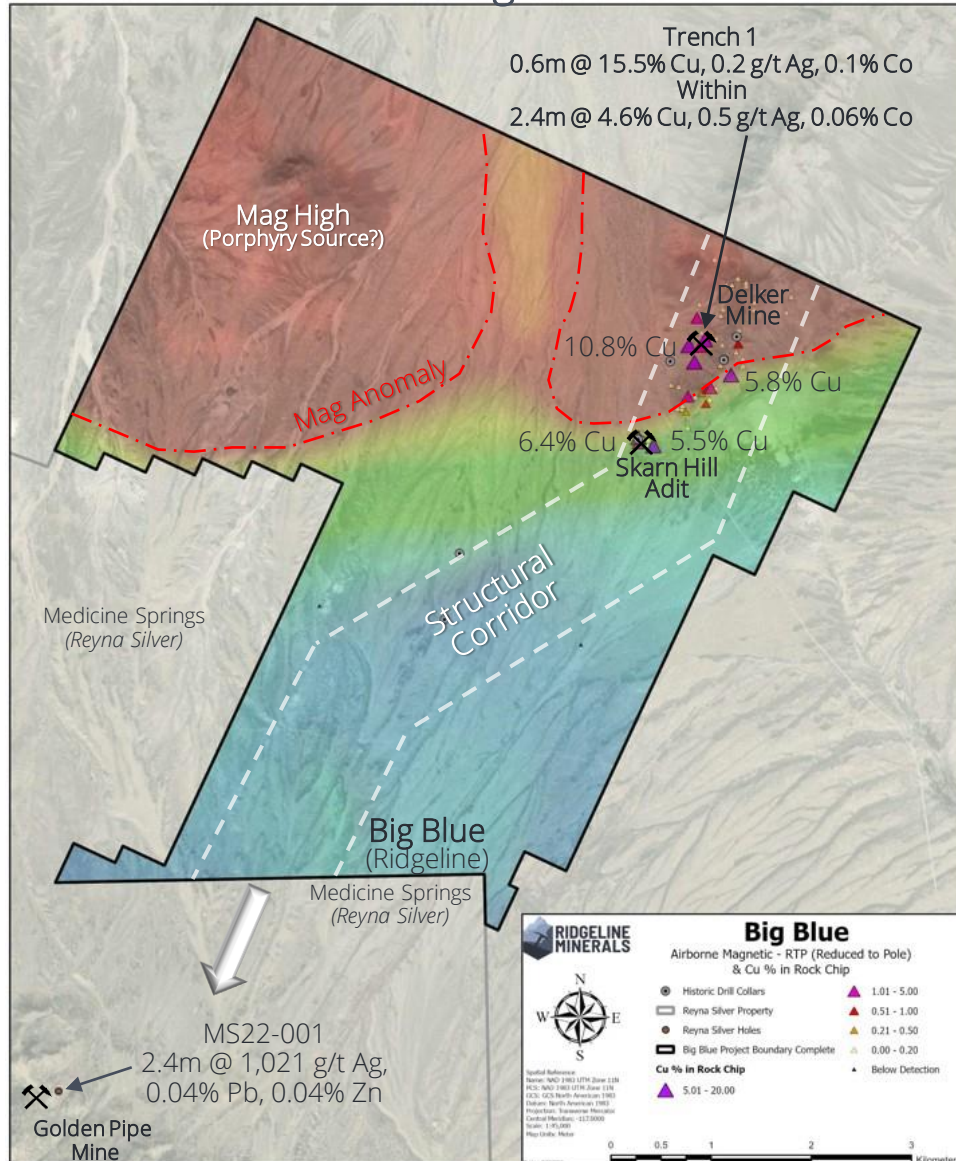
- Porphyry's exhibit systematic zonation patterns that transition from higher-temp porphyry/skarn (Cu-Au) mineralization to lower temperature CRD (Ag-Pb-Zn) over kilometers of strike
- Proposed porphyry system at Big Blue may have mineralized
  - Proximal Cu Skarn at the Delker Mine
  - Distal CRD at the Golden Pipe mine
- Big Blue exhibits 6km of untested strike with potential for discovery of the full porphyry-CRD spectrum



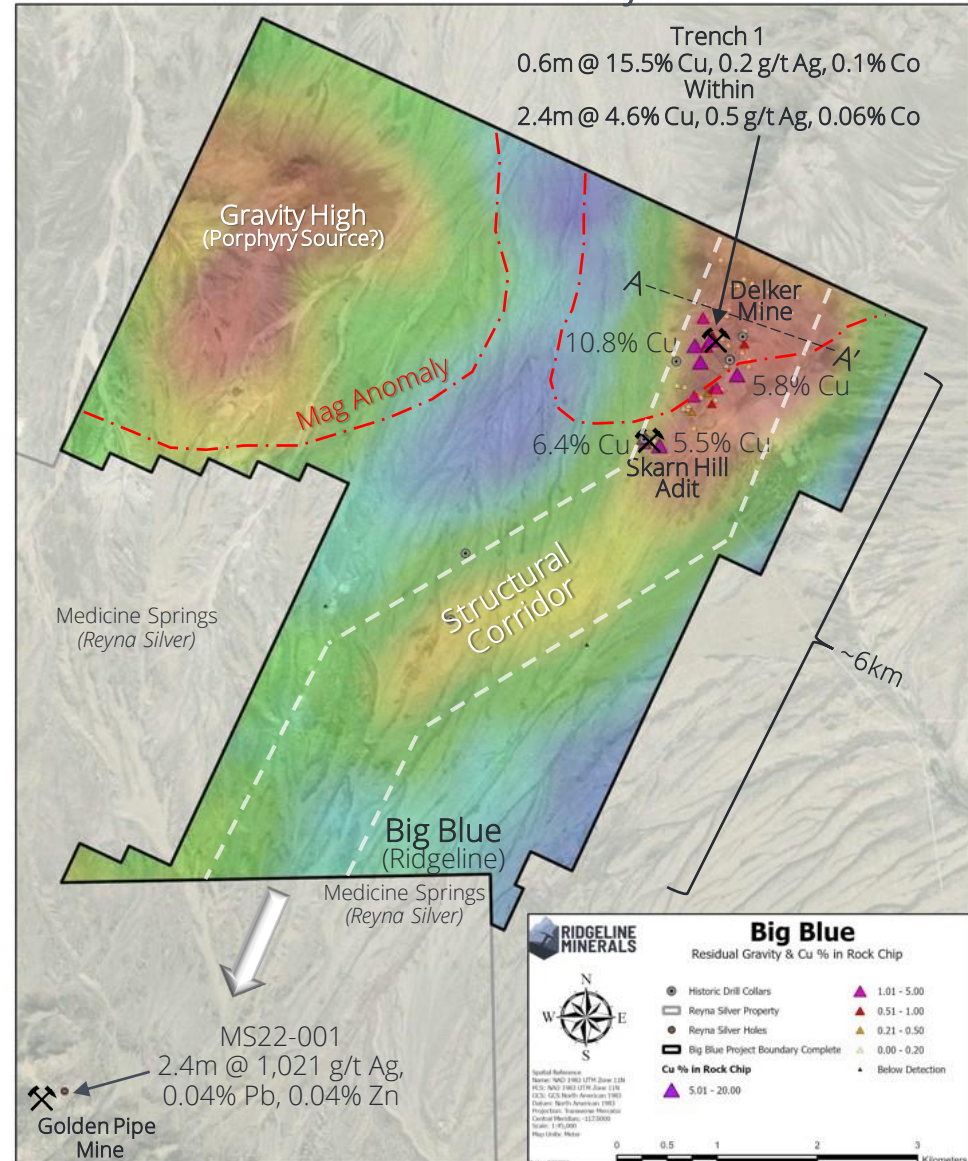
BIG BLUE

# Geophysics

RTP - Magnetics

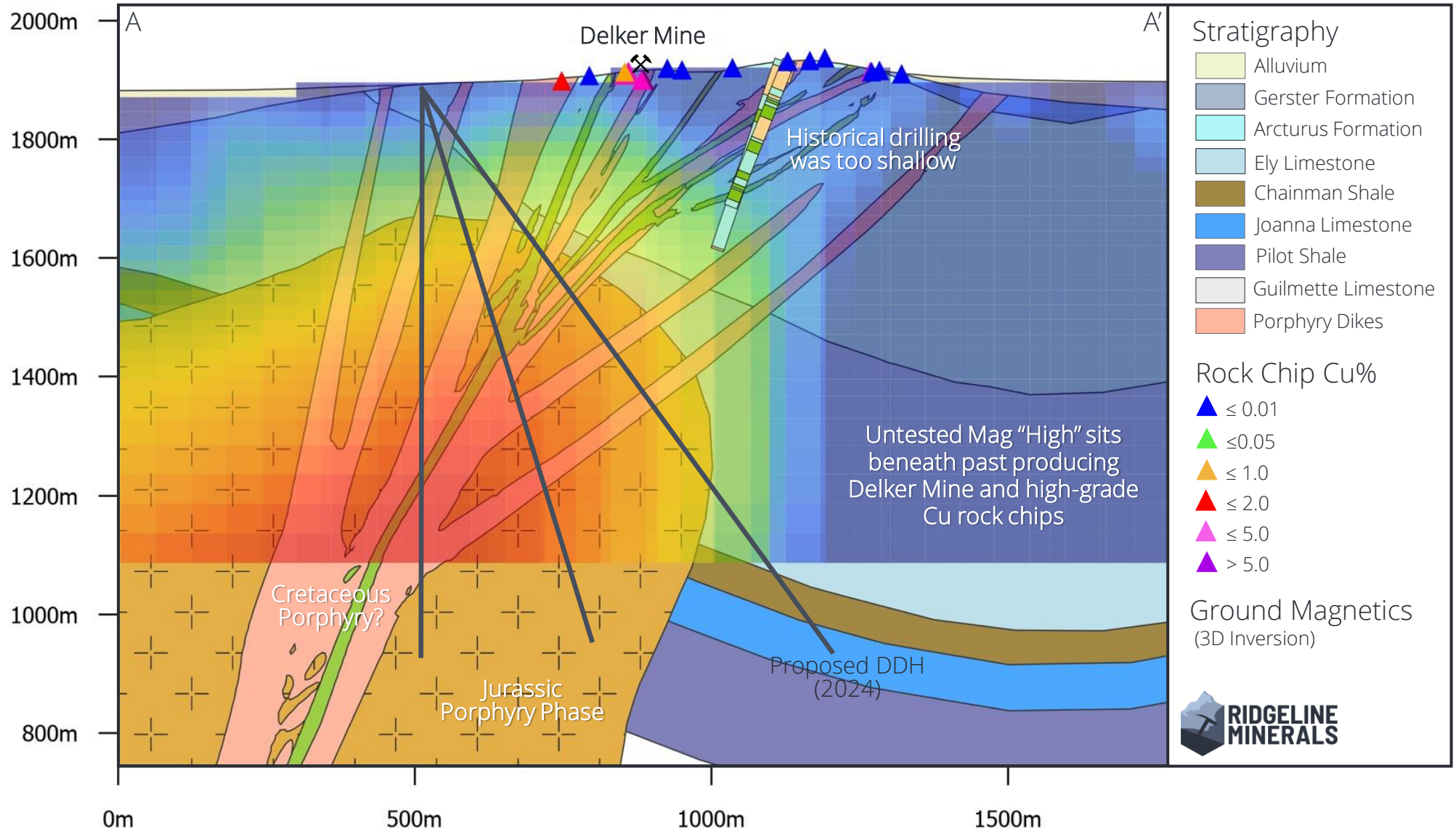


Residual Gravity



BIG BLUE

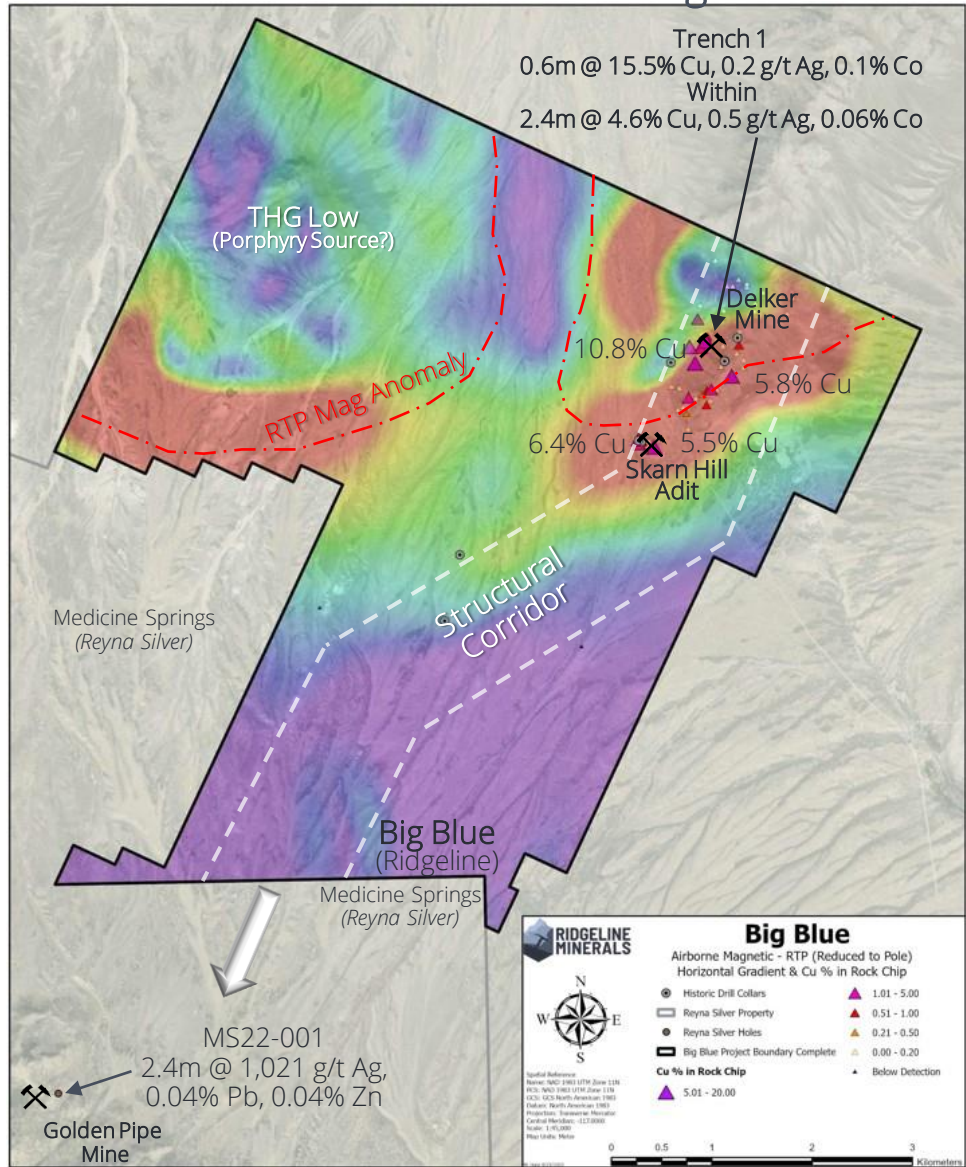
# Big Blue X-Section A-A'



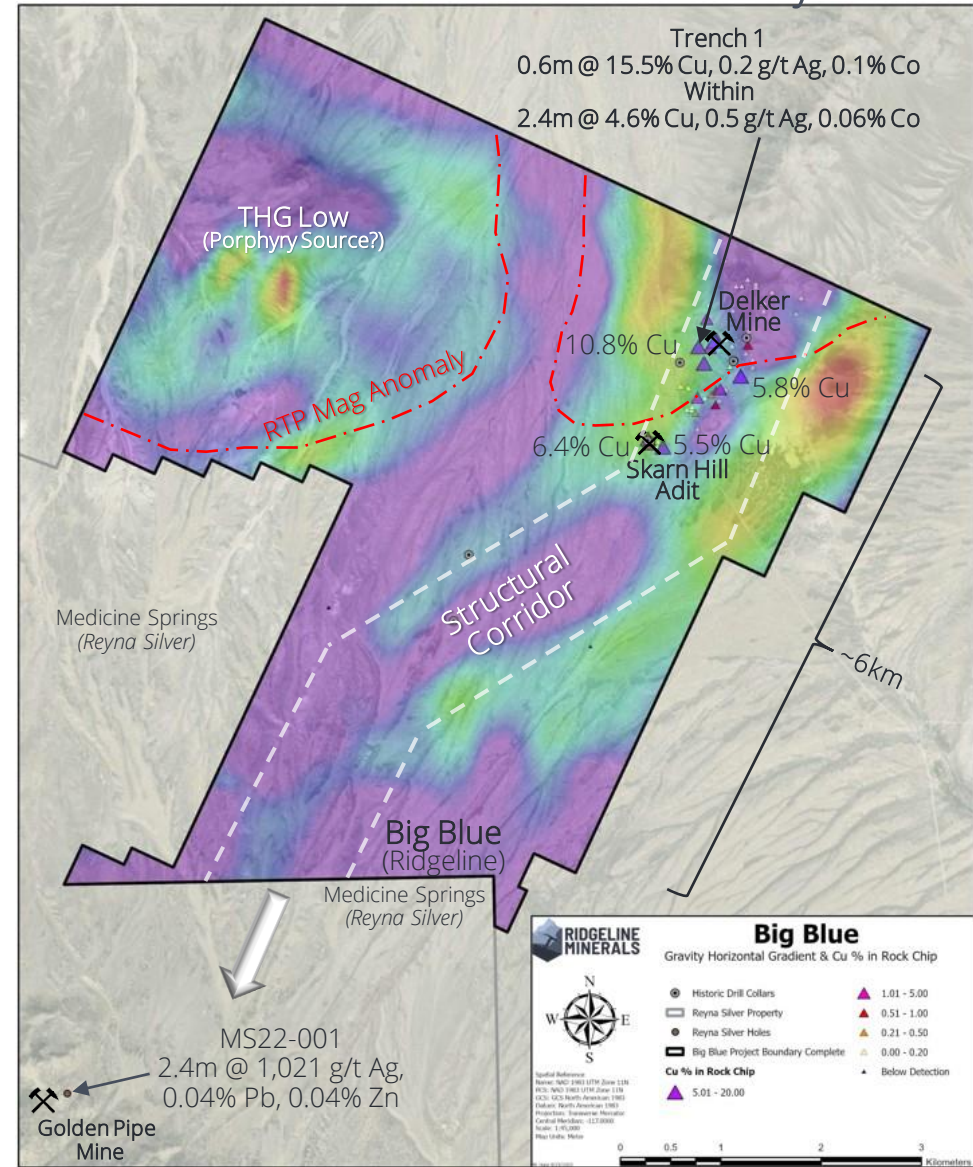
BIG BLUE

# Geophysics

Total Horizontal Gradient - Magnetics



Total Horizontal Gradient - Gravity





PARTNER PROJECTS

# Swift

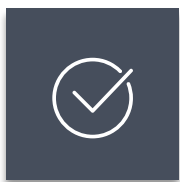
## Optioned – Nevada Gold Mines

75 km<sup>2</sup> Land Package

Carlin- Type Au-Ag

**VERIFY**

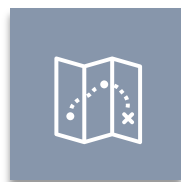
[Click Here](#)



### NGM EARN-IN

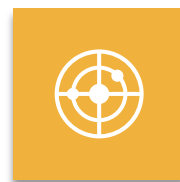
US \$30M earn-in agreement signed with NGM (09-22-2021 PR)

- NGM has incurred **US \$5.0M** in exploration expenditures to-date



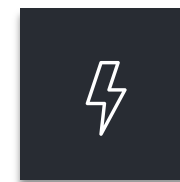
### LOCATION

District-scale land package on the Cortez Trend. ~7km NW of the Nevada Gold Mines owned Cortez Complex<sup>(1)</sup>



### THE OPPORTUNITY

NGM targeting a 5+ Moz high-grade Au deposit. Earn-in validates **Tier-1 discovery potential**



### 2023 OBJECTIVE

NGM “framework” drilling is planned in Q3 2023 and will build off success of the 2022 program which intersected widespread alteration and gold mineralization

SWIFT

# Nevada Gold Mines Earn-In

- Partnering with NGM at Swift eliminates the high exploration risk and cost associated with deep drilling
- Deal structure provides Ridgeline with exposure to Swift across all levels of project development with zero corporate dilution
- NGM aggressively exploring project with US \$5.0M spent to-date



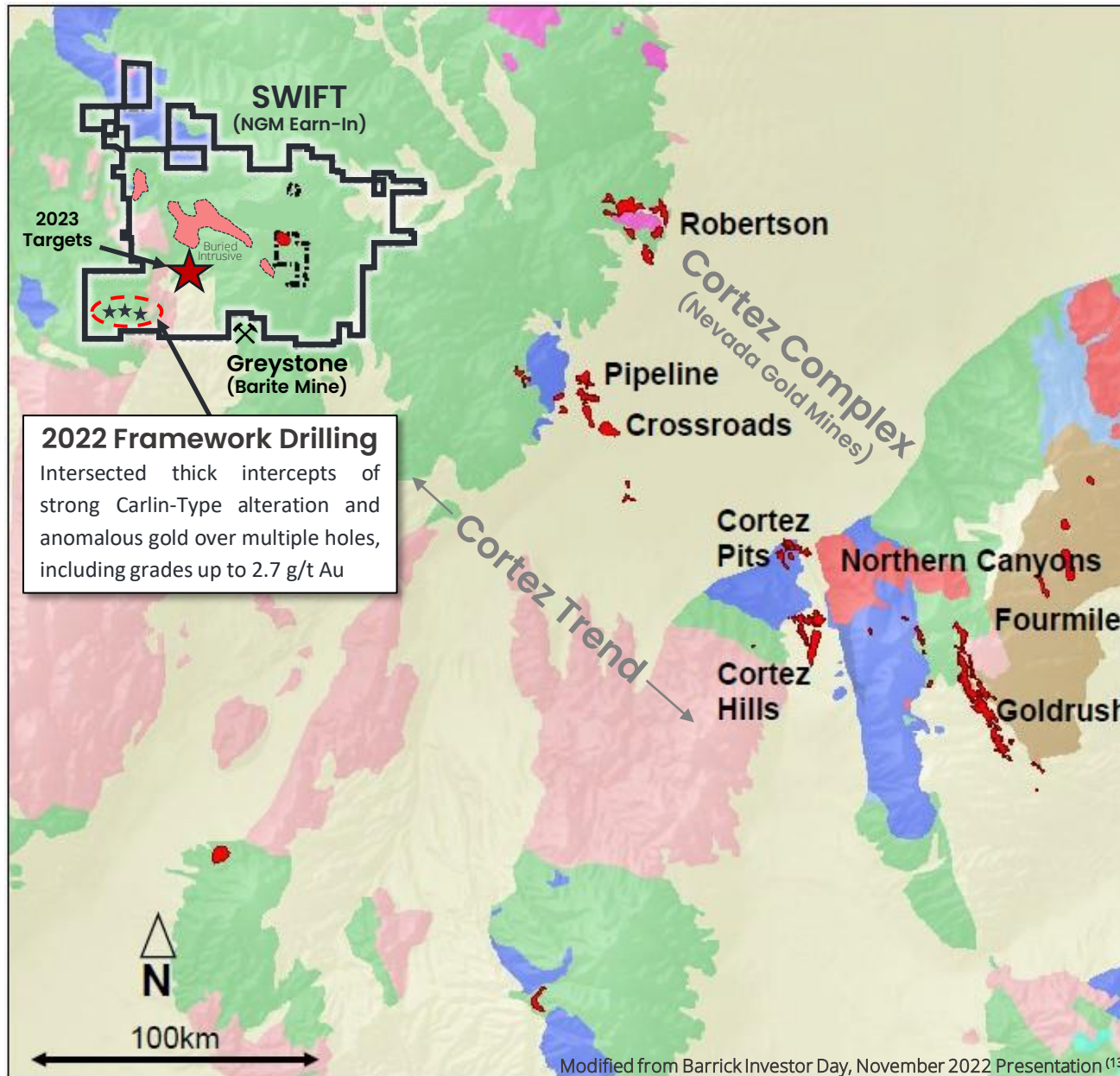
# SWIFT

## World-Class Location

- 50+ Moz. Au of past production and current resource/reserves across the Cortez Trend (NGM)
  - Cortez Trend hosts some of the largest and most profitable gold mines globally
- Swift exhibits the same host rocks, structural framework and multi-phase intrusive rocks as all known Cortez Trend deposits

*“Framework drilling on the Swift project, intersects Lower Plate carbonates at only 570 meters depth with several low angle structures, significant alteration and anomalous gold”*

*Barrick Quote – Investor Day, November 2022 <sup>(13)</sup>*



Modified from Barrick Investor Day, November 2022 Presentation <sup>(13)</sup>

See Ridgeline February 16, 2023 Press Release [HERE](#)

See Barrick Investor Day, November 2022 Report [HERE](#)



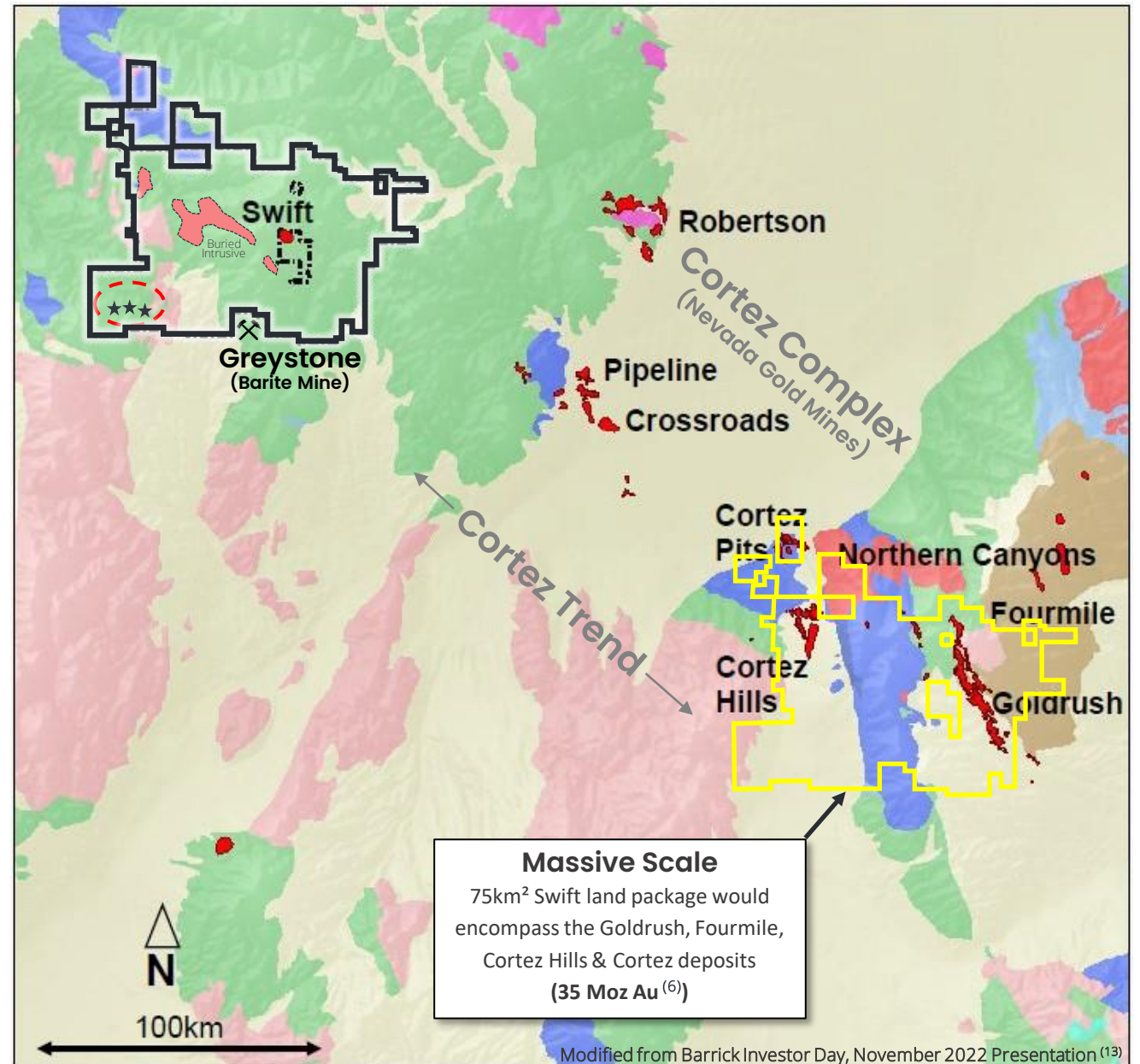
SWIFT

## Discovery Potential

- First 4 NGM framework holes (2021-2022) hit significant gold intercepts including:
  - 51.1m @ 0.19 g/t Au, 1.14 g/t Ag Incl: 1.5m @ 1.51 g/t Au, 0.16 g/t Ag in SW22-002
  - 48.8m @ 0.45 g/t Au, 0.98 g/t Ag Incl: 3.4m @ 1.92 g/t Au, NSV Ag in SW22-003

### Fourmile Deposit (NGM)

- The first 10 framework holes at Fourmile in 2015 were dusters...the 11<sup>th</sup> hole hit 5.8m @ 49.7 g/t Au
- 3.2Moz. Au MI&I resource @ 10.4 g/t<sup>(9)</sup> as of Q4, 2022

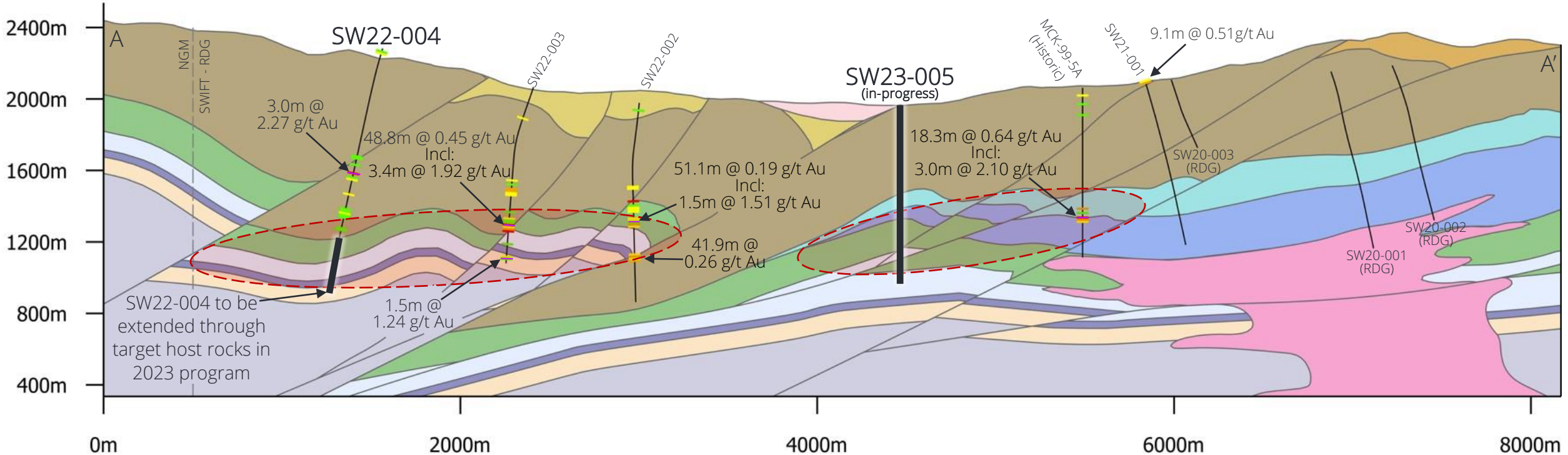


*\*Qualified Persons. Michael Harp, CPG., Vice President, Exploration, is the Qualified Person as defined by National Instrument 43-101 and has reviewed and approved the technical data in this presentation. The Company does not make any representation as to the accuracy of third-party information sources. In particular, references to other issuers and their mineral projects ("comparables") are for illustrative purposes only and there can be no assurances that the Company will achieve comparable results. Mineralization hosted on adjacent and/or nearby and/or geologically similar properties is not necessarily indicative of the potential mineralization hosted at Swift*

# SWIFT

## Schematic Long Section A-A'

- Schematic long section A-A' exhibits classic Cortez district thrust/fold structural architecture



Stratigraphy	
Alluvium	Wenban Fm.
Tertiary Volcanics	Roberts Mtn. Fm.
Elder Sandstone	Hanson Creek Fm.
Valmy Quartzite	Slope Facies Limestone (new horizon?)
Valmy Fm.	Eureka Quartzite
Horse Canyon Fm.	Hamburg Dolomite

Drill Trace (Au_ppm)	
	≤ 0.05
	≤ 0.09
	≤ 0.25
	≤ 0.50
	≤ 1.0
	> 1.0

- Target
- Proposed DDH
- Fault Zone

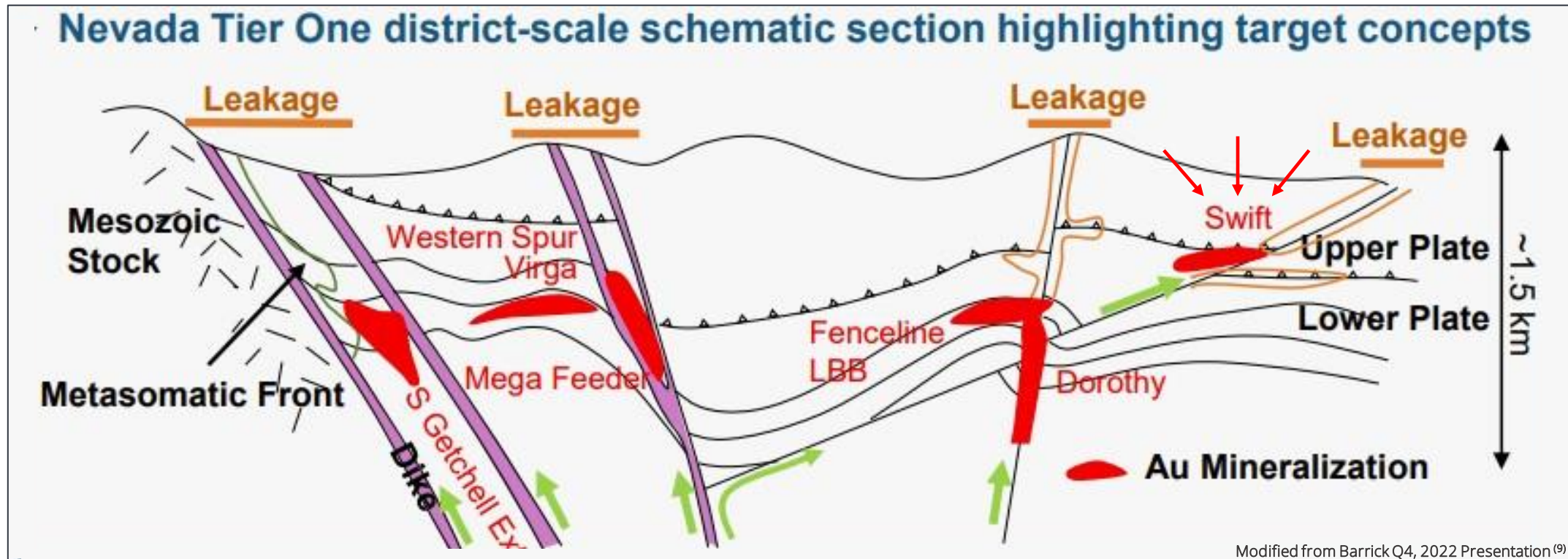
### Section Location



Swift

## Tier-One Target For Nevada Gold Mines

- Swift has been noted in Barrick's (Operator of NGM Joint Venture) Q4, 2022 report as one of Nevada Gold Mines Tier-One exploration targets (see schematic section modified from Barrick Q4, 2022 report below)



See Barrick Q4,2022 Presentation [HERE](#)

## PARTNER PROJECTS

# Carlin-East

## Optioned – Nevada Gold Mines

19.5 km<sup>2</sup> Carlin Trend Land Package

Carlin- Type Au-Ag

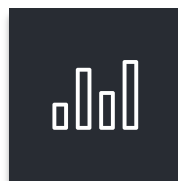
**VERIFY**

[Click Here](#)



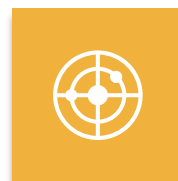
### NGM EARN-IN

US \$9.6M earn-in agreement signed with NGM ([07-17-2023 PR](#))



### STRATEGIC LOCATION

~4km down-strike of the Leeville mine<sup>(1)</sup> and the Fallon (previously North Leeville) inferred mineral resource: 1.0 million ounces Au @ 11.3 g/t<sup>(9)</sup>



### THE OPPORTUNITY

Significant discovery potential with potential for continuation of the Fallon discovery onto Carlin-East ground



### 2023 OBJECTIVE

Work with NGM team to update geologic model and assess potential targets for future drilling

CARLIN-EAST

# Nevada Gold Mines Earn-In

- Deal structure provides Ridgeline with exposure to Carlin-East from discovery to project development with zero corporate dilution
- Second Ridgeline deal with NGM totalling US\$40M in potential total expenditures across Carlin-East and Swift projects

*"We are delighted to add a second earn-in agreement to our growing partnership with Nevada Gold Mines. This deal validates our business model as we continue to exhibit our ability to find and advance exploration opportunities in Tier-1 districts."*

- Chad Peters

Ridgeline President, CEO & Director



To view the July 17, 2023 Press Release click [HERE](#)



## CARLIN-EAST

## Strategic Location

- On-strike of NGM's maiden inferred resource at Fallon (previously North Leeville) of 1.0 Moz. Au @ 11.3 g/t<sup>(9)</sup>

### Highlight Fallon Drill Intercepts

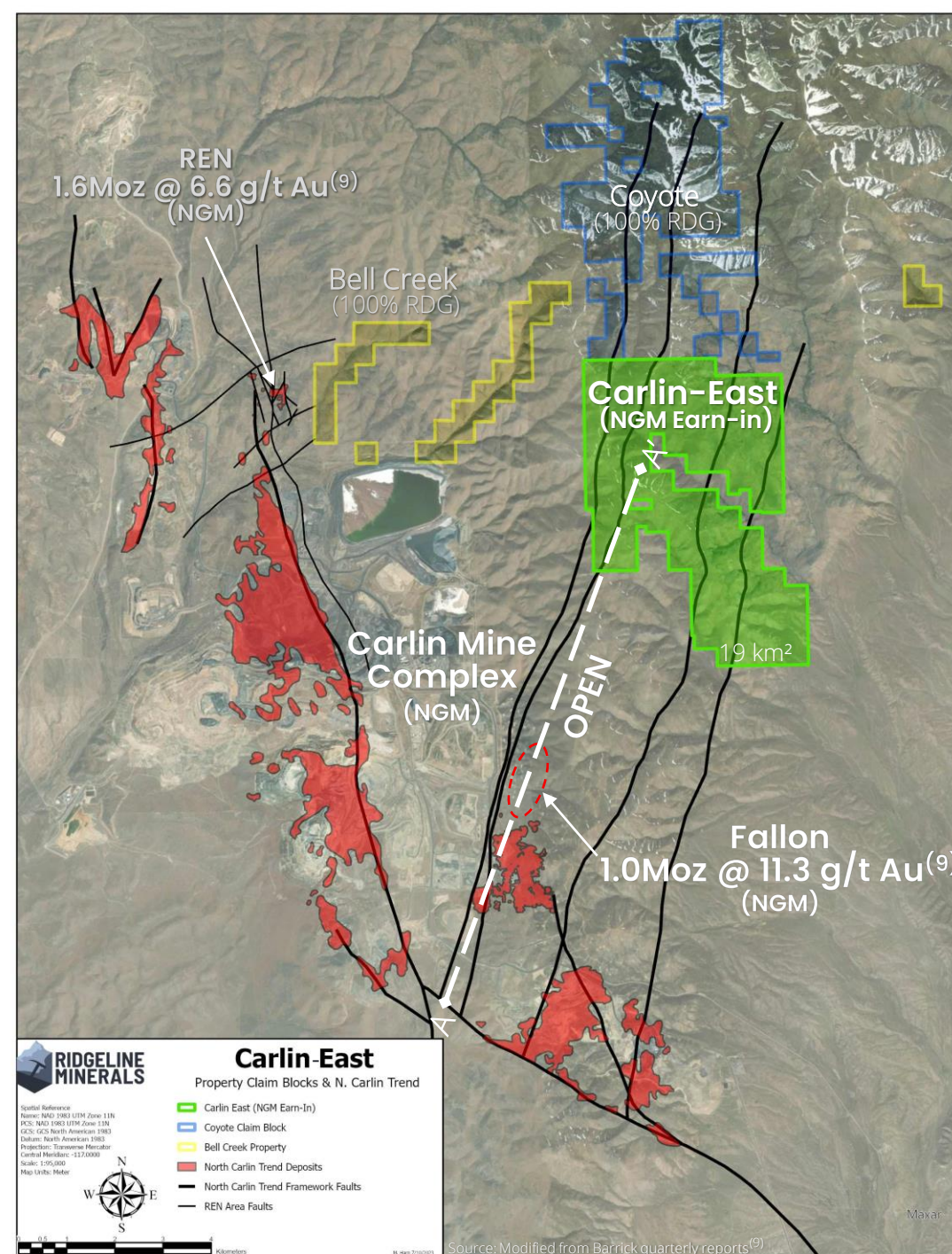
- 56.7m @ 28.39 g/t Au in NLX-00010<sup>(7)</sup>
- 23.3m @ 32.6 g/t Au in CGX-00076A<sup>(5)</sup>

"...successfully tested last year with a nine-hole drilling program that also delivered one of the best intercepts in the Carlin Trend's history:

56.7m at 28.39g/t."

*Barrick Full Year 2021 Results – North Leeville<sup>(7)</sup>*

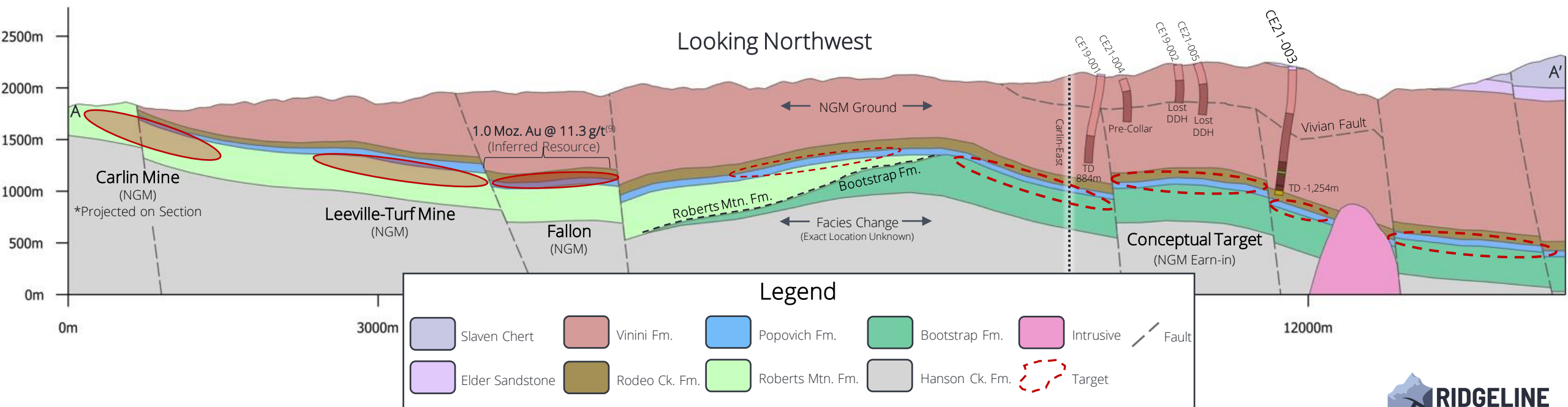
See Barrick Q4 2021 Quarterly Report [HERE](#)



CARLIN-EAST

# Leeville Schematic Long Section

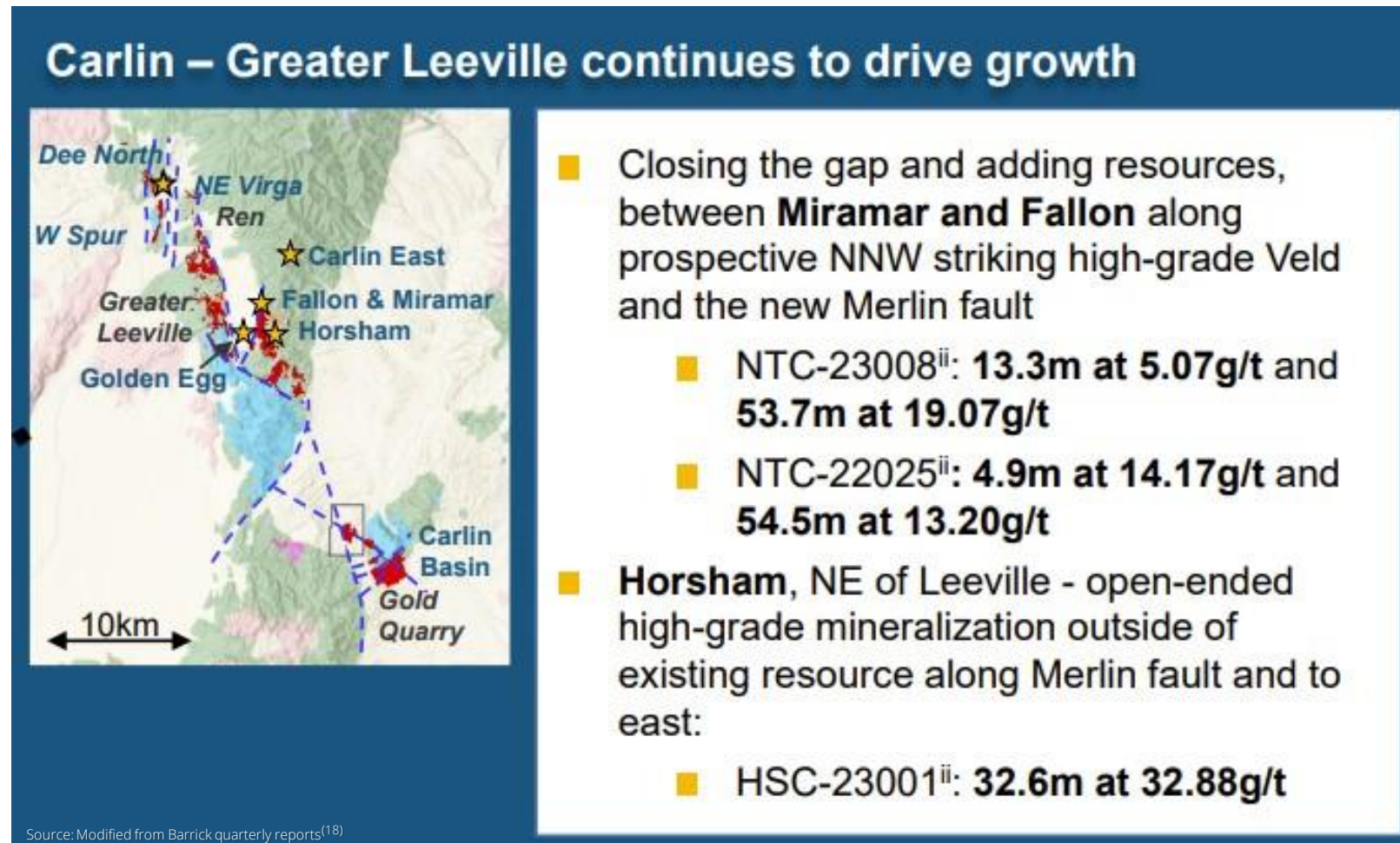
- CE21-003 intersected unaltered Rodeo Creek Formation (a host at the Fallon discovery and Leeville-Turf Mine) and is interpreted to have drilled the deeper, down-dropped side of a major NW fault Zone
- Uplifted horst block beneath CE19-002, CE21-004 and CE21-005 exhibits the greatest potential to hit shallower Lower Plate (~1,000m vertical)



## CARLIN-EAST

## New Discoveries

- Carlin-East earn-in on trend of the high-grade Fallon, Miramar, Horsham and Golden Egg discoveries - *See Barrick Map* →
- Greater Leeville area represents one of the fastest growing resource bases in Nevada with significant growth potential
- Carlin-East project now noted in Barrick quarterly reports



See Barrick Q2 2023 Quarterly Report [HERE](#)

## PIPELINE PROJECT

# Bell Creek

5 km<sup>2</sup> Carlin Trend Land Package

Carlin- Type Au-Ag

**VERIFY**

[Click Here](#)



### 100% OWNED

Lease with option to purchase 100% of the private mineral rights



### STRATEGIC LOCATION

Shared property boundary with the NGM owned Ren deposit resource boundary located ~500m west of Bell Creek



### THE OPPORTUNITY

Potential for extension of Ren Deposit (NGM) to extend onto Bell Creek. Ren inferred mineral resource 1.6 million ounces Au @ 6.6 g/t<sup>(9)</sup>



### 2023 OBJECTIVE

Assess potential for strategic exploration partnerships to advance project

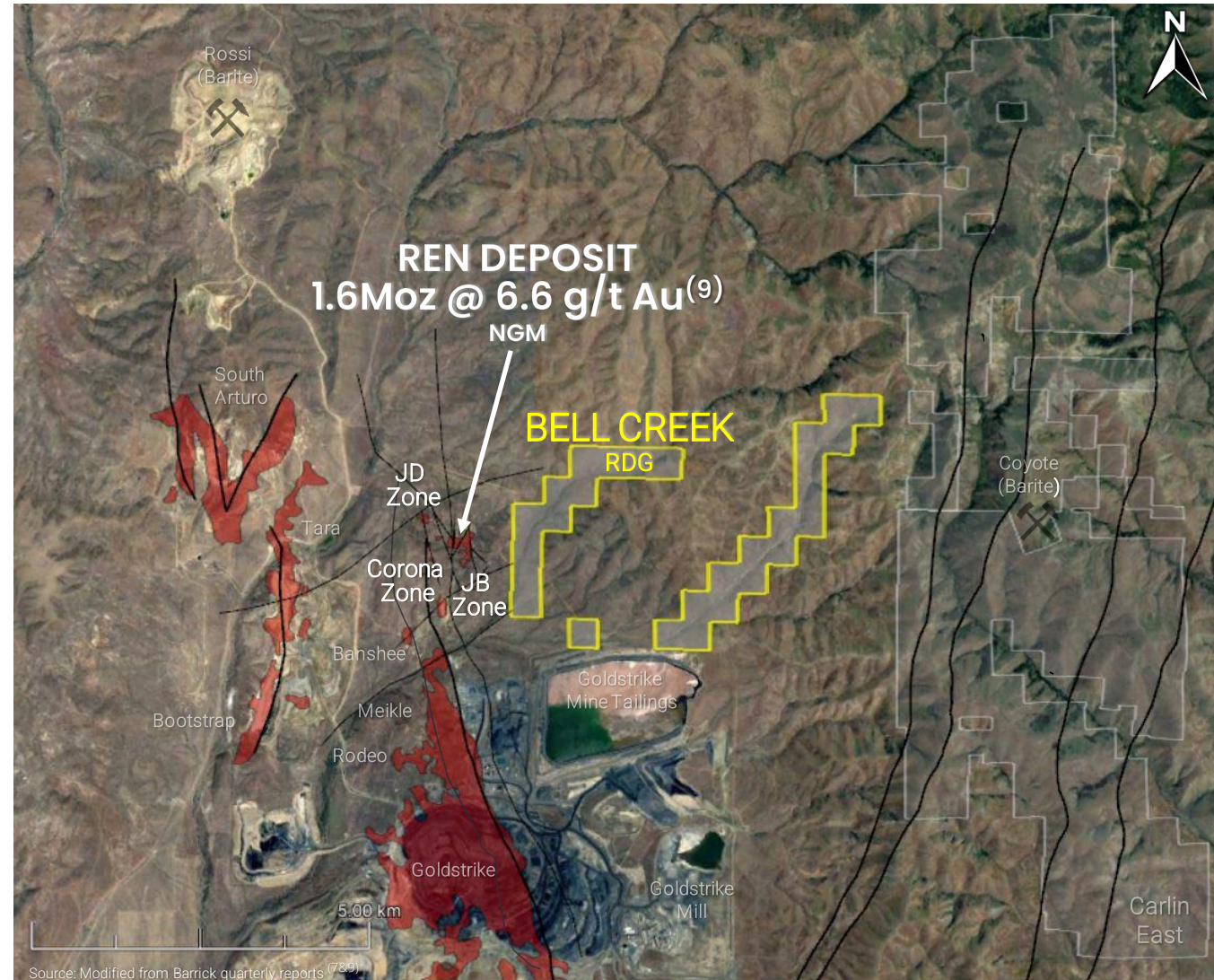
## BELL CREEK

# Strategic Mineral Rights

- NGM announced maiden Ren Deposit inferred mineral resource on February 10, 2022, of 1.60Moz Au grading 7.3 g/t Au<sup>(9)</sup>
  - Bell Creek boundary located ~550m to the east of the proposed Ren resource

*“Both projects represent future growth for the Carlin complex and drilling continues on both targets, with mineralization open in all directions”*

*Barrick Quote - Ren and North Leeville maiden resources<sup>(9)</sup>*





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# Directors & Advisors

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## Chad Peters, President, CEO & Director

15 years of exploration and production experience. Co-founded Ridgeline in 2018, former exploration manager for Premier Gold mines team credited with 10+ Moz of gold discoveries in Canada and the US.

## Peter Hardie, Independent Director

20+ years of International accounting, financial management and mine development experience. Current CFO of Equinox Gold and former CFO of True Gold and Nevsun Resources

## Michael Blady, Independent Director

10+ years as senior management of multiple public resource companies with extensive capital markets background. Current CEO of Golden Ridge Resources, former Co-Founder & President of Ridgeline Exploration Services

## Duane Lo, CFO & Director

20+ years International accounting and financial management experience for various public companies. Current CFO of Ridgeline Minerals and Entrée Resources, former CFO of Mason Resources and Luna Gold

## Lewis Teal, Independent Director

35+ years of global exploration experience including the discovery of 20+ Moz. of gold. Former Newmont Group Executive, South America and Senior Exploration Geologist, Carlin Trend

## Mac Jackson, Technical Advisor

25+ years of exploration experience. Discovered 20+ Moz. of gold at the Leeville, Fiberline and North Dark Star Deposits. Former VP, Exploration at Gold Standard Ventures and Senior Exploration Geologist, Newmont

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Download Technical Appendix