

## Exploration Done Differently

Finding Nevada's Next GOLD Discovery

January, 20 2021

**Corporate Presentation** 

TSX-V: RDG | OTCQB: RDGMF WKN: A2QBQ4

#### CAUTIONARY STATEMENT

## Disclaimer

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**Qualified Persons.** Michael Harp, P.Geo., 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, and Selena 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: Laurentian Bank Securities Equity Research: Compelling valuation for a growth-focused gold royalty company – October 21, 2020

(6) Source: Barrick Gold Quarterly Reporting: https://www.barrick.com/English/news/news-details/2020/another-strong-quarter-positions-barrick-to-deliver-on-annual-production-guidance/default.aspx



## Why Invest In Ridgeline Minerals

Ridgeline is a Nevada focused Gold-Silver explorer with a 125 km<sup>2</sup> exploration portfolio across four projects in the Carlin and Battle Mountain – Eureka Trends



LOCATION Nevada - top ranked mining jurisdiction in the world <sup>(4)</sup>



DRILLING EXPERTISE Industry leading drill services contract = greater access = more drilling = higher potential for discovery



## EXPERIENCED GOLD EXPLORERS

Decades of experience finding numerous multi-million-ounce gold deposits in Nevada



SIZE

One of the largest land packages (125 km<sup>2</sup>) in Nevada controlled by a junior exploration company



## NEW NEVADA DISCOVERY

Shallow-oxide, silver-gold discovery at Selena

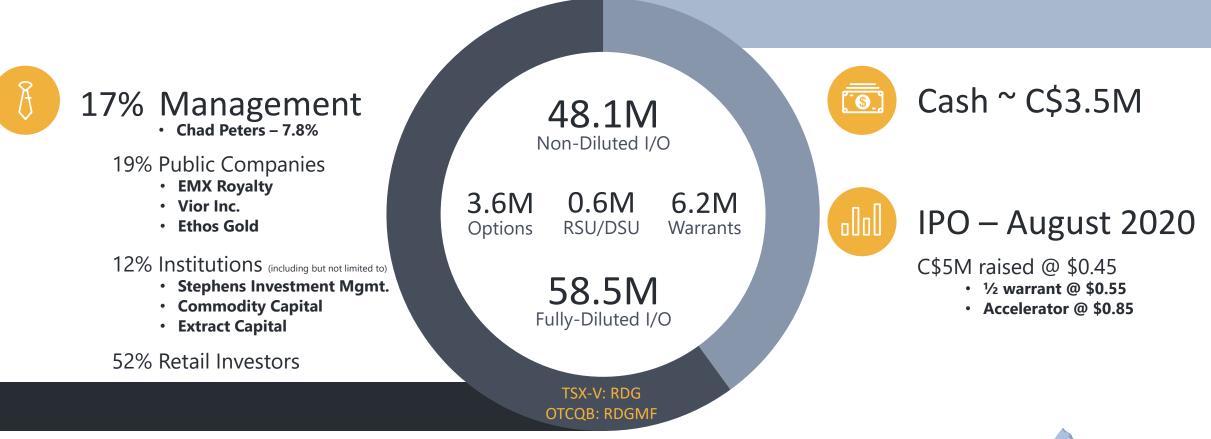


## SHAREHOLDER FRIENDLY STRUCTURE Management owns 17% and is fully aligned with shareholders



# ALIGNED WITH SHAREHOLDERS

As at January 1, 2021





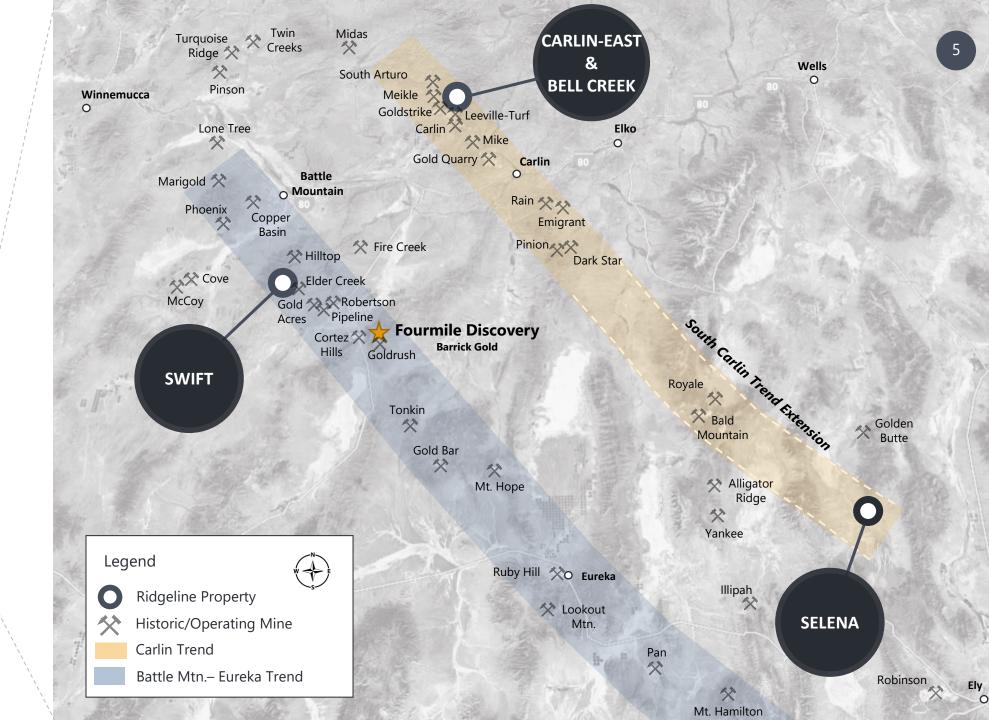
## LOCATION IS KEY

## 4 Projects

125 km<sup>2</sup> Exploration Portfolio in Nevada

100% ownership of 4 projects on the Carlin and Battle Mtn – Eureka Trends





## OUR PROJECTS

## Selena

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

Oxide Open-Pit Ag-Au Target

**V R I F Y** Click Here





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#### 100% OWNED

100% owned<sup>(5)</sup> land package. 12km southeast of Bald Mountain Mine (Kinross) - 150k Au oz./yr.

#### FULLY PERMITTED

Permitted and bonded 5.0 acre BLM Notice of Intent for 22 drill sites

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#### DRILLING IN 2020

Three phases of drilling (3,223m) across 22 drill holes has defined a shallow-oxide silver-gold discovery



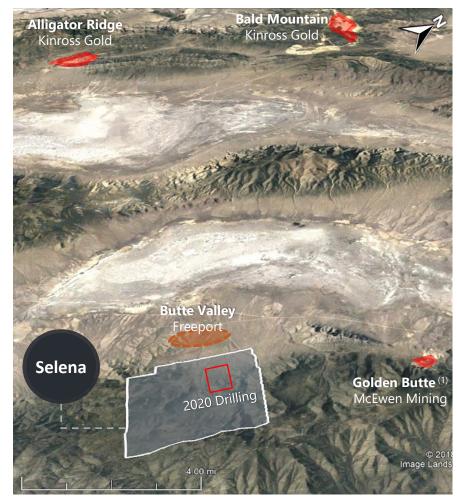
#### NEW DISCOVERY

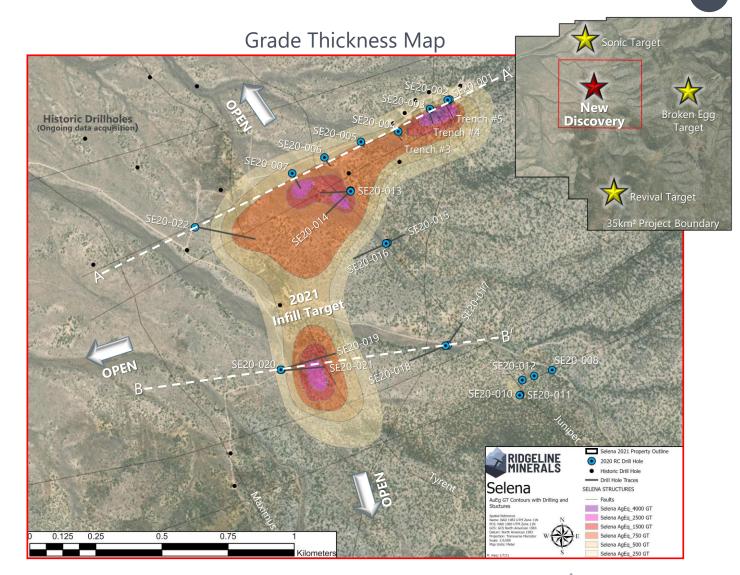
2020 drilling returned up to **36.6m @ 86.8 g/t silver equivalent**<sup>(2)</sup>



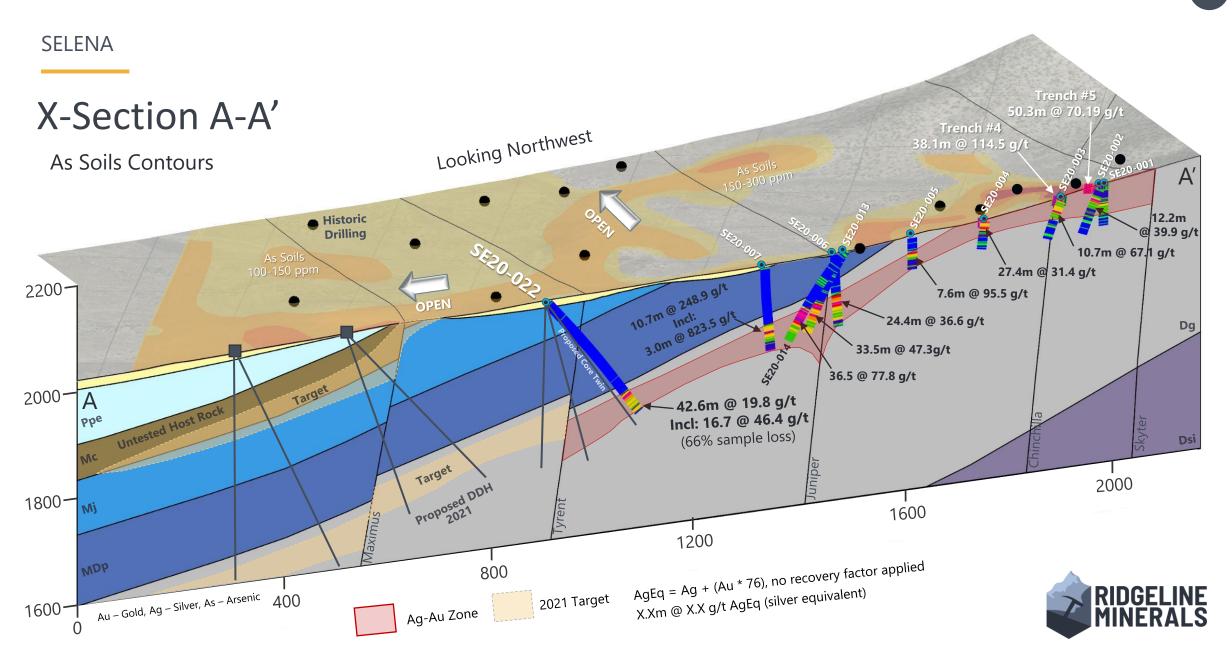
SELENA

## Shallow-Oxide Silver-Gold









## SE20-022 Grade Distribution

Core Twin Required in 2021



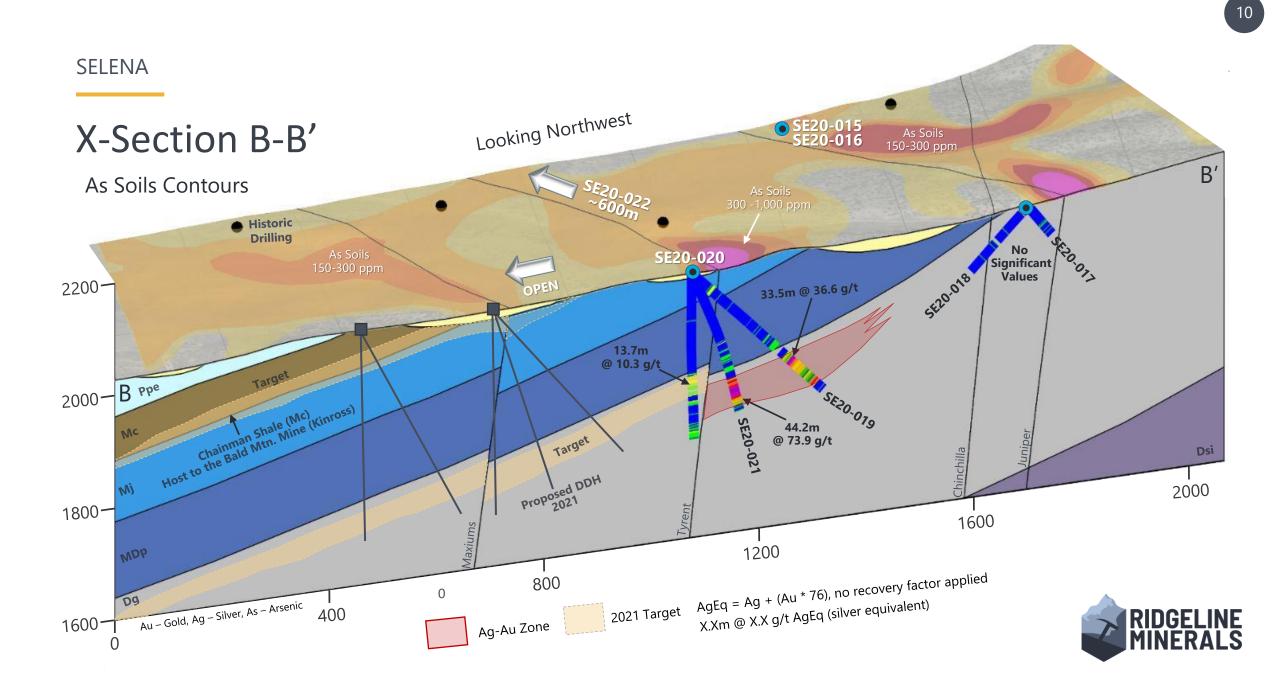
42.6m (120 ft.) grading 16.8 g/t Ag, 0.04 g/t Au or 19.8 g/t AgEq starting at 271.3m (890 ft.)

Including

13.7m (45 ft.) grading 38.8 g/t Ag, 0.1 g/t Au or 46.36 g/t AgEq



For a full table of assay results Click Here



SELENA

## SE20-021 Grade Distribution



44.2m (145 ft.) grading 57.2 g/t Ag, 0.22 g/t Au or 73.9 g/t AgEq starting at 208.8m (685 ft.)

Including

36.6m (120 ft.) grading 67.1 g/t Ag, 0.26 g/t Au or 86.8 g/t AgEq

For a full table of assay results Click Here



## **Bell Creek**

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

High-Grade Underground Au Target

**V R I F Y** Click Here





#### 100% OWNED

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



#### PERMITTING

Seeking surface access agreement with Nevada Gold Mines



#### DRILLING IN 2020

Nevada Gold Mines recently drilled Sinkhole Breccia target located ~250m west of property boundary (assays pending)

#### STRATEGIC LAND POSITION

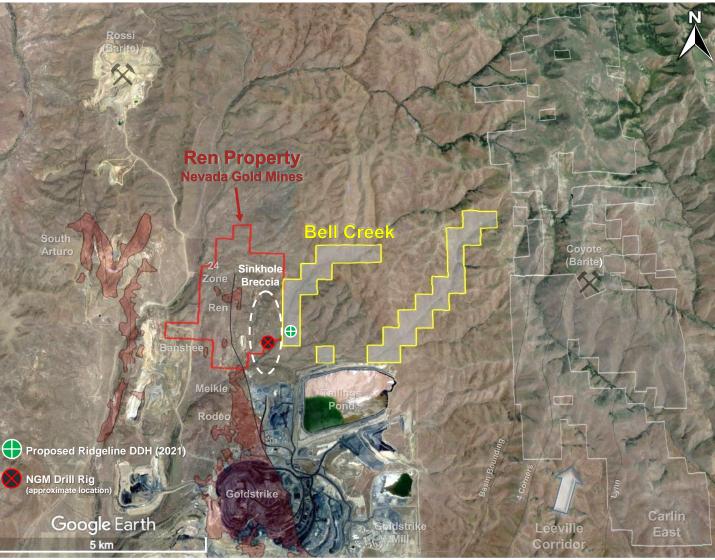
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Shared boundary with the Banshee-Ren deposit and adjacent to the Goldstrike and Rodeo-Meikle deposits

## **BELL CREEK**

## Strategic Mineral Rights

- Nevada Gold Mines (NGM) drilled the Sinkhole Breccia target at the Ren Property (leased from Ely Gold) in Q3,2020
  - Located ~250m west of Bell Creek
- 24 Zone at Ren includes historic intercepts of 42.7m @ 32.6 g/t Au in RU-24C
  - Potential for future discoveries to extend onto Ridgeline ground
- Ely Gold Ren Royalty (3.5% NPI, 1.5% NSR) valued at US \$41M @ NPV 7% <sup>(5)</sup> by Jacques Wortman (Laurentian Bank)



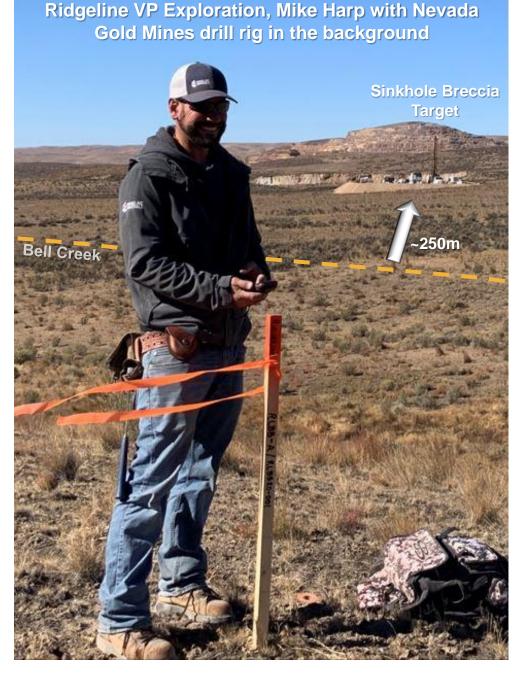
Source: Modified from Ely Gold Corporate Presentation (5)



### BELL CREEK

## What Next?

- Sinkhole Breccia drill results anticipated to be released by NGM in 2021
- Ridgeline to continue analyzing NGM drill results and will begin exploration permitting process





## Carlin-East

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

High-Grade Underground Au Target

VRIFY





#### 100% OWNED

100% owned land package in the heart of the Carlin Trend Carlin-East (BLM Claims)

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## FULLY PERMITTED

Fully permitted and Bonded 5.0 acre BLM Notice of Intent exploration permit

#### DRILLING IN 2021

Drill program in 2021 will test high-priority Crash Zone Target

#### STRATEGIC LAND POSITION

On-strike of the NGM owned Leeville mine<sup>(1)</sup> Recent North Leeville Discovery: **21.3m @ 35.3 g/t Au** in CGX-00076A<sup>(6)</sup>

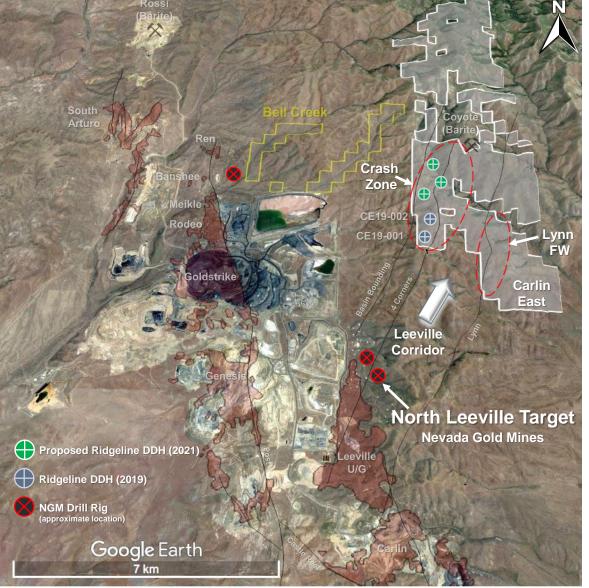


## CARLIN-EAST

## **Renewed Exploration Focus**

- ~4km north of and on-strike of the Leeville mine<sup>(1)</sup>
- Nevada Gold Mines North Leeville Target: 21.3m @
  35.3 g/t Au in CGX-00076A starting at 827m <sup>(6)</sup>







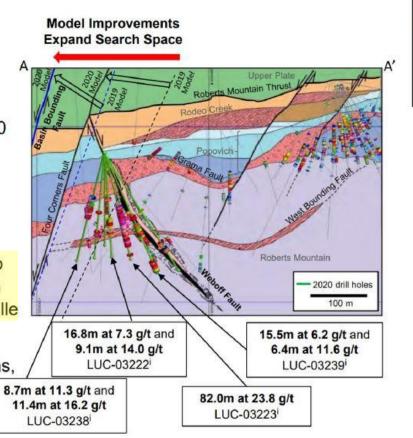
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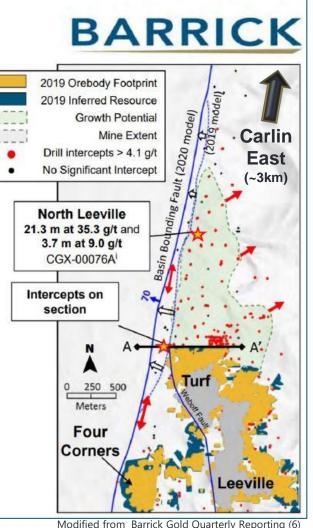


## Strategic Land Position

## Leeville...growth Nevada, USA

- Basin Bounding Fault is the western boundary of the deposit
- New drill results together with model improvements shifted the fault and related splays 30 to 100 meters west
- Opening an opportunity to test extension of the mineralized Weboff intrusive-filled fault
- Results highlight an exciting step in realizing the significant growth potential north and west of Leeville
- In addition, model change adds new, shorter development options, reducing cost







## OUR PROJECTS

## Swift

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

High-Grade Underground Au Target

**V R I F Y** Click Here





#### 100% OWNED

100% owned<sup>(5)</sup> land positioned in the Cortez district of the Battle Mtn.-Eureka Trend

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#### FULLY PERMITTED

5.0 acre BLM Notice of Intent (NOI) exploration permit approved in August 2020



#### DRILLING IN 2020

3,000m Phase I drill program testing the Fallen City target is complete (assay pending January 2021)

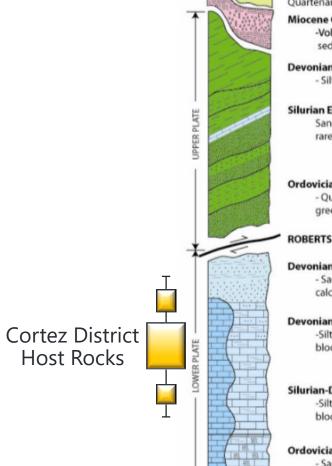
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#### DRILLING IN 2020

District-scale land package ~7km NW of the Nevada Gold Mines owned Pipeline, Cortez Hills, Goldrush and Fourmile deposits<sup>(1)</sup>



## **Cortez District Stratigraphy**



Quartenary alluvium **Miocene Carlin Fm.** (Carlin Trend only) -Volcanaclastic, fluvial and lacustrine sediment **Devonian Slaven Fm.** - Siltstone, mudstone, chert

Silurian Elder Fm. Sandstone, siltstone, mudstone, chert, rare occurrence of limestone

Ordovician Valmi Fm. - Quartzite, sandstone, siltstone, greenstone

**ROBERTS MOUNTAINS THRUST FAULT** 

Devonian Horse Canyon Fm. - Sandstone, mudstone and calcareous siltstone

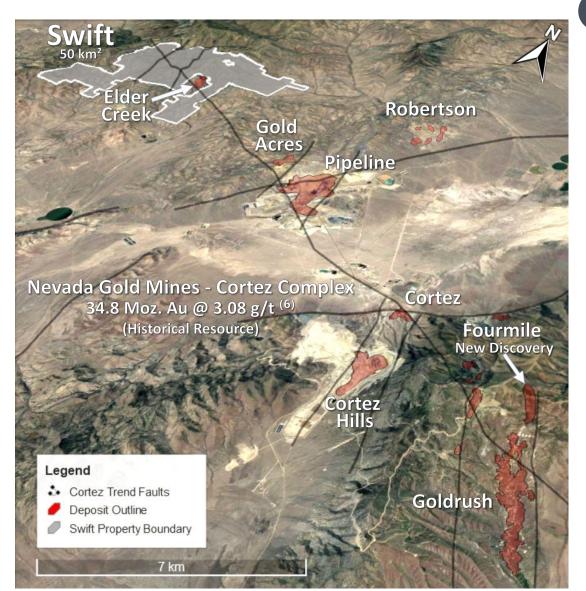
Devonian Wenban Fm. -Silty limestone, silty dolostone, blocky massive limestone Swift

Host Rocks

Silurian-Devonian Roberts Mountain Fm. -Silty limestone, silty dolostone, blocky massive limestone

#### Ordovician Hanson Creek Fm.

 Sandy dolomite, silty limestone, blocky massive limestone



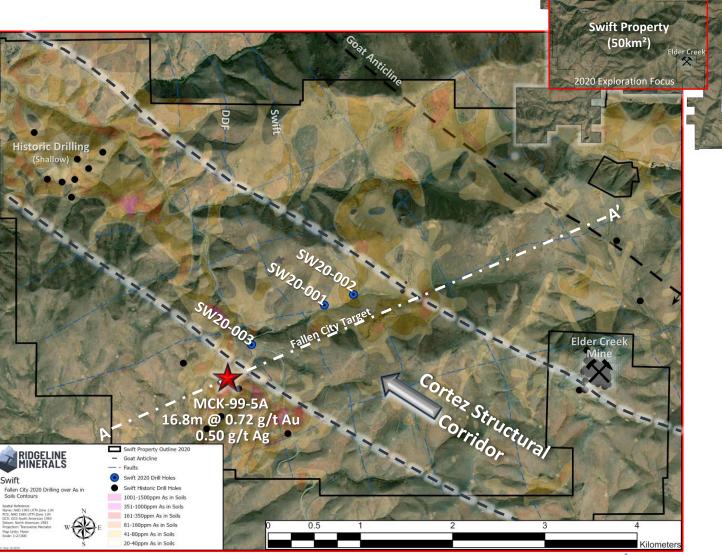
Cortez Complex includes the Pipeline, Cortez Hills and Goldrush deposits <sup>(6)</sup>



## District-Scale Property

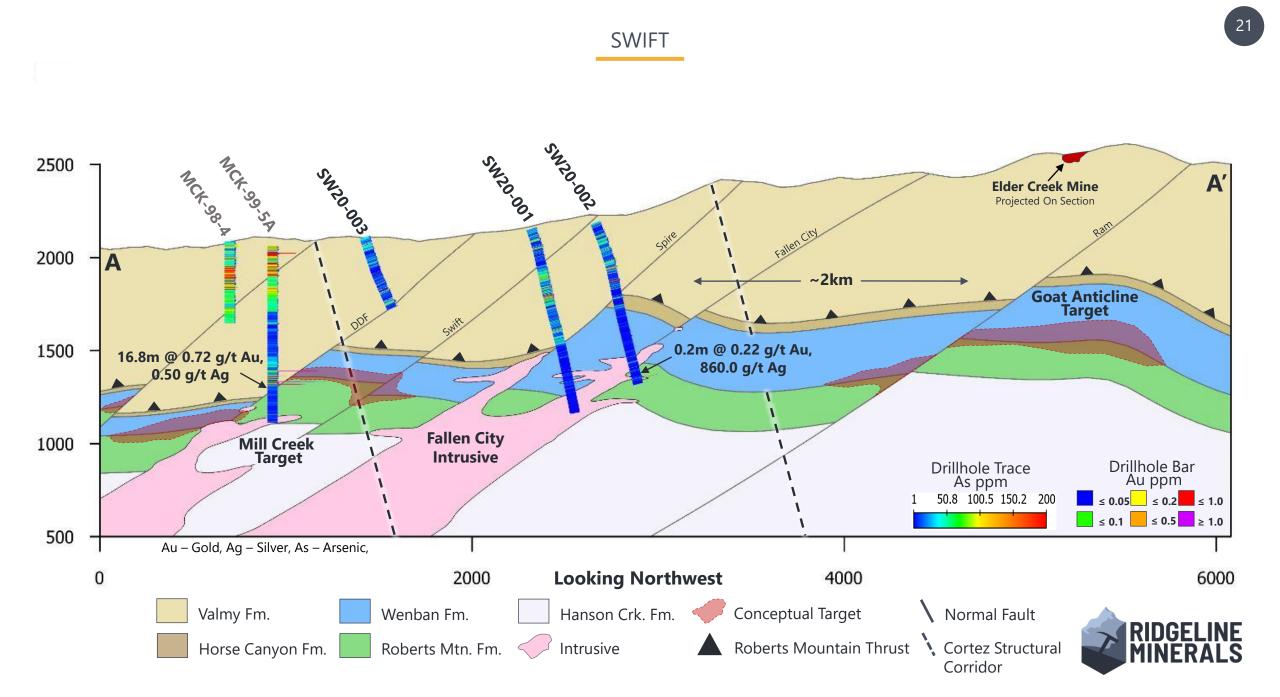
As Soils Contours

- 2020 drill program at the Fallen
  City target is the only deep drilling to-date within the 18km<sup>2</sup>
   Cortez Structural Corridor
- Historic drilling (MCK-99-5A) along with widespread Carlin-Type pathfinder soils anomalies (Au-As-Sb) highlight potential for a buried Carlin-Type gold system at depth



Au - Gold, Ag - Silver, As - Arsenic, Sb - Antimony





## **Upside Potential**

- Shallow-oxide, silver-gold discovery at Selena with excellent potential to grow in 2021
- District-scale exploration potential at Swift
  - Phase I intersected Wenban Formation limestones (Cortez District host rock 34.8 Moz. Au)
- Strategic Carlin Trend land positions at Bell Creek and Carlin-East
  - Nevada Gold Mines drilling adjacent to Ridgeline property boundaries at both projects
- Aggressive 2021 exploration programs planned to advance projects



# **RIDGELINE** MINERALS

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