

# Ridgeline Minerals More Than Doubles Silver-Gold Footprint at the Selena Project, Nevada

## Virtual VRIFY Site Tour of Selena at 12:00pm ET February 8, 2021 Register for Free <u>HERE</u>.

**Vancouver, Canada, February 8, 2021** – Ridgeline Minerals Corp. ("**Ridgeline**" or the "**Company**") (TSX-V: RDG | OTCQB: RDGMF | FRA: OGCO) is pleased to announce it has more than doubled the strike extent of the known silver-gold footprint at its Selena project by approximately 1.3 kilometers ("km") to the north of the Company's previously announced shallow-oxide, silver-gold discovery (See <u>December 9, 2020</u> and <u>January 20, 2021</u> news release). The expansion was made possible through the analysis of an extensive historical database acquired by Ridgeline at low-cost in January 2021. Of particular exploration significance are multiple shallow, silver-gold drill intercepts located at the Company's Sonic Target, which suggests the combined strike-length of shallow mineralization at Selena now extends 2.0km to the north-south and 1.2km to the east-west (Figure 1).

Mike Harp, Ridgeline's Vice President, Exploration commented, "The historical data more than doubles our existing geologic database, has highlighted future high-potential targets, and further supports our belief that Selena has the potential scale to host a large shallow-oxide, silver-gold deposit. The database also indicates that most of the historical drillholes did not drill deep enough to adequately test the Guilmette Limestone, host to our recent discovery and we see an opportunity to target this higher-grade horizon in our spring drill program."

## Historical Data Highlights:

- Multiple drillholes returned shallow intercepts of silver and gold including:
  - BV-01: 19.8m grading 6.4 grams per tonne ("g/t") silver ("Ag"), 0.31 g/t gold ("Au") or 30 g/t silver equivalent ("AgEq") starting at 6.1m (<u>Table 1</u>)
  - BV-9: 16.8m grading 6.7 g/t Ag, 0.24 g/t Au or 25.0 g/t AgEq starting at 9.1m
  - o BV-11: 16.8m grading 6.9 g/t Ag, 0.13 g/t Au or 17.0 g/t AgEq starting at 3.0m

Significance – Historical drillholes expand the known mineralized footprint approximately 1.3km north of Ridgeline's new discovery.

- High-grade rock chips adjacent to and along strike of the Company's recent discovery include:
  - Individual samples returned up to: 725.0 g/t Ag and 6.3 g/t Au, 73.0 g/t Ag and 12.4 g/t Au, and 13.0 g/t Ag and 7.0 g/t Au, (Figure 1)
  - A total of 351 historical rock chips have been added to the Ridgeline database ranging from below assay detection limits to 725 g/t Ag and 12.4 g/t Au (avg. 8.6 g/t Ag and 0.22 g/t Au)

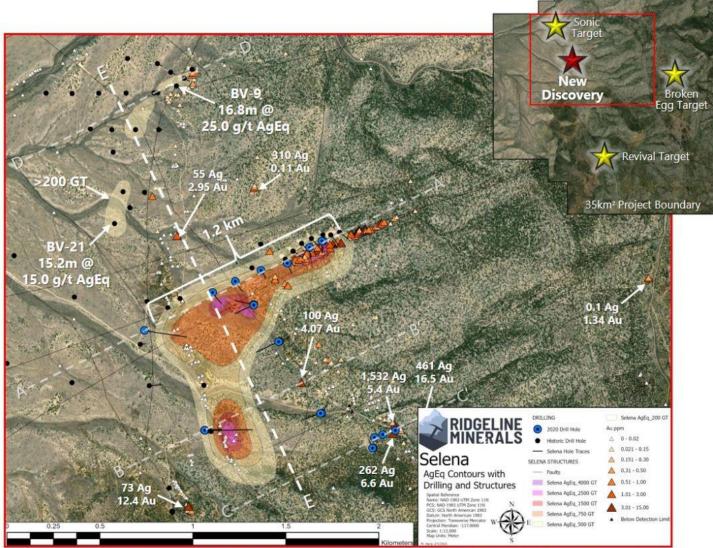
Significance – High-grade Ag-Au rock chips at surface show the strength of the mineralized system and highlight high-priority exploration targets for 2021 drilling.

## Historical Data Summary:

- 51 historical drill holes totaling 3,635m including original drill logs and assay certificates
- Extensive surface geochemical database including 1,003 soil samples and 351 rock chip samples
- Geophysical database including detailed ground magnetic and induced polarization ("IP") surveys which are currently being re-processed by the Company's geophysical consultant
- Property-wide geologic maps and interpretive x-sections

Significance – Analysis of historical geologic database will allow company to more efficiently explore the property and highlights high-priority exploration targets for future drill programs.

Figure 1: Plan view map showing AgEq grade thickness ("GT") contours and surface rock chips samples



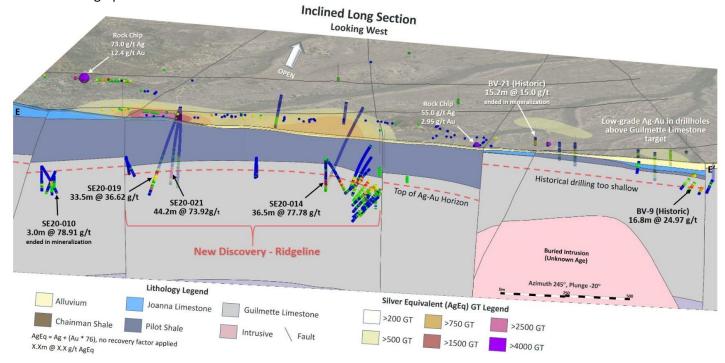
AgEq = Ag + (Au \* 76), no recovery factor applied GT = AgEq \* Intercept Thickness (m) Rock Chips = xx g/t Ag, xx g/t Au

Drill hole	Az/Dip	From (m)	To (m)	Int: (m)	Ag (g/t)	Au (g/t)	AgEq (g/t)*	AuEq (g/t)*	TVD (m)**	Target	Comments
BV-1	124/-45	7.6	27.4	19.8	6.39	0.31	29.95	0.39	6.0	Chinchilla	Drilled to the north of Chinchilla trenches
BV-2	000/-90	13.7	29.0	15.3	5.06	0.10	12.66	0.17	11.9	(RDG Discovery)	Drilled to the north of Chinchilla trenches
BV-9	119/-43	9.1	25.9	16.8	6.73	0.24	24.97	0.33	4.4		Drilled beneath Sonic jasperoid outcrop
BV-11	113/-58	3.0	19.8	16.8	6.93	0.13	16.81	0.22	1.3		Drilled beneath Sonic jasperoid outcrop
BV-17	000/-90	13.7	59.4	45.7	1.08	0.09	7.92	0.10	13.7		Hole TD above Guilmette Limestone target
Including		42.7	59.4	16.7	0.12	0.17	13.04	0.17	42.7		
BV-19	000/-90	53.3	73.2	19.9	0.10	0.13	9.98	0.13	53.3	Sonic	Hole TD above Guilmette Limestone target
BV-21	000/-90	64.0	79.2	15.2	0.10	0.20	15.03	0.20	64.0		Located between New Discovery (Chinchilla Target) and Sonic
BV-22	000/-90	13.7	19.8	6.1	0.68	0.22	17.40	0.23	13.7		Selectively sampled interval started and ended in mineralization
BV-23	000/-90	16.8	29.0	12.2	1.39	0.13	11.27	0.15	16.8		Selectively sampled interval started and ended in mineralization
* Equivalent grades adjusted quarterly using 100 DMA spot prices: Gold \$1898.00 and Silver \$25.00 (*AgEq= Ag + Au *76, AuEq = Au + Ag / 76) no recovery factor has been applied ** TVD - True Vertical Depth to the top of the drilled intercept. (To the extents known, true widths estimated at 80-90% of drilled intercept)											

Table 1: Table of historical drill results, Click Here for a full table of Ridgeline exploration results

Historical Drill hole data has not been fully verified by the Company and is therefore considered historical in nature

Figure 2: Inclined Long-Section E-E' showing AgEq grade thickness contours and rock chip samples at surface with AgEq drillhole traces on section



To view X-sections A-A' Click Here, B-B' Click Here, C'C' Click Here, or D-D' Click Here

## Selena Project

Selena is located in White Pine County, Nevada, approximately 64 km north of the town of Ely, NV, and 12 km southeast of the Kinross owned and operated Bald Mountain Gold Mine. The 100% owned property is comprised of 35 square kilometers of highly prospective exploration ground, which has seen limited (View the Selena VRIFY Deck Here) exploration activity over the past twenty years prior to being acquired by Ridgeline in 2019.

## **QAQC** Procedures

All samples are submitted to Paragon Geochemical Assay Laboratories (PAL) of Sparks, NV, which is a certified and accredited laboratory, independent of the Company. Samples are run through standard prep methods and analysed using AU-OES30 (Au; 30g fire assay AQR digest/ICP+10ppb Hg by MS) and 35AR-OESm (35 element Suite; 0.5g AQR digestion/ICP-MS; 10ppb Hg) methods. PAL also undertakes its own internal coarse and pulp duplicate analysis to ensure proper sample preparation and equipment

calibration. Ridgeline's QA/QC program includes regular insertion of CRM standards, duplicates, and blanks into the sample stream with a stringent review of all results completed by the Company's QP, Michael T. Harp, Vice President, Exploration.

Technical information contained in this news release has been reviewed and approved by Michael T. Harp, P.Geo. the Company's Vice President, Exploration, who is Ridgeline's qualified person under National Instrument 43-101 and responsible for technical matters of this release.

#### About Ridgeline Minerals Corp.

Ridgeline is a discovery focused gold explorer with a proven management team and a 125 km<sup>2</sup> exploration portfolio across four projects in the highly prospective Carlin and Battle Mountain – Eureka Trends in Nevada, USA. More information about Ridgeline can be found at www.RidgelineMinerals.com.

#### On behalf of the Board

*"Chad Peters"* President & CEO

#### **Further Information:**

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