

GR Silver Mining Reports Initial High-Grade Results from Plomosas Mine Sampling Program

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VANCOUVER, July 8, 2025 - [GR Silver Mining Ltd.](#) ("GR Silver Mining" or the "Company") (TSXV: GRSL) (OTCQB: GRSLF) (FRANKFURT: GPE) - is pleased to report initial results of Phase I of the new underground sampling program (the "Program") at the Plomosas Mine, Sinaloa, Mexico. The Program was designed around the following objectives:

1. To model the recently mapped high-grade silver zones in the interior of the historic Plomosas Mine, post completion of the March 2023 NI 43-101 mineral resource estimate ("MRE");
2. To collect metallurgical test work samples essential to define key parameters for implementation of a Bulk Sampling Test Mining Program ("BSTM") at the Plomosas Mine (Table 1); and
3. To enhance the existing database of underground samples for improved reconciliation between the MRE and areas for a BSTM.

Sampling Highlights

Initial highlights of the Phase I Plomosas Mine underground sampling program include:

- Chip Mine Face Sample - Level 883 - 2,423 g/t Ag Eq*, consisting of 675 g/t Ag, 46.9% Pb, 4.5% Zn and 0.54 g/t (Polymetallic Hydrothermal Breccia - Massive Sulphide)
- Channel Sample - Level 833 - 0.8 m @ 2,019 g/t Ag Eq, consisting of 137 g/t Ag, 5.74 g/t Au, 16.7% Pb, and 18.2% Zn (Polymetallic Hydrothermal Breccia - Massive Sulphide)
- Channel Sample - Level 950 - 0.6 m @ 3,993 g/t Ag Eq, 310 g/t Ag, 15.20 g/t Au, 26.2% Pb and 10.2% Zn (Polymetallic Hydrothermal Breccia - Massive Sulphide)

GR Silver Mining's President and CEO, Marcio Fonseca, commented "The success of our new geological model at the Plomosas Mine, completed during the last 6 months, combined with detailed underground sampling, will be fundamental for the further development of engineering parameters to assess implementation of a Bulk Sampling Test Mining program in the underground mine. The current site has initial infrastructure and key permits in place, which can assist in any future mine and processing developments at the historic Plomosas Mine."

The Program will consist of two phases over the next four months, whereby Phase I assesses metallurgical data collected to support engineering studies as part of the BSTM, and Phase II will complete a much larger dataset to help refine basic engineering and planning. Both phases of the Program will support a decision to potentially implement a BSTM at the Plomosas Mine before year-end.

The Program leverages existing permits to operate at the Plomosas Mine, providing full access to the 7.4 km of underground development. Access to multiple areas for sampling, as shown in Figure 1, has enabled a better identification of unmined areas with high-grade, continuous silver, gold, and base metal mineralization at various levels of the underground mine. Assays from 21 samples collected at the chosen sites (Table 1) have returned high-grade results, with values of up to 3,993 g/t Ag Eq. Multiple high-grade results indicate potential areas to advance Phase II, targeting the collection of additional metallurgical samples in progress towards the implementation of a BSTM in the Plomosas Mine.

Table 1 - Phase I Underground Sampling Assay Results, Plomosas Mine

Sample	Sample ID	Underground Level Sample	Ag Eq*	Ag	Au	Pb	Zn	Cu	Rocktype
Type		Length(m)	g/t	g/t	g/t	%	%	%	
	80458	815	877	127	2.07	1.0	2.7	2.9	Stockwork - Veins
	80489	825	211	63	0.04	1.6	1.9	0.1	Polymetallic Veins
	80494	862	910	90	0.99	11.5	8.5	0.1	Polymetallic Hydrothermal Breccia
	80468	883	2,423	675	0.54	46.9	4.5	0.1	Polymetallic Hydrothermal Breccia
Chip	80478	975	370	308	0.06	0.4	0.7	0.1	Polymetallic Hydrothermal Breccia
Mine Face	80460	975	365	297	0.09	0.4	0.7	0.1	Polymetallic Veins
Sample	80491	975	805	50	0.69	12.4	5.9	0.4	Polymetallic Veins
	80474	1000	822	71	1.13	13.4	4.1	0.3	Stockwork - Veins
	80466	1000	587	36	0.48	2.1	6.9	1.1	Polymetallic Hydrothermal Breccia
	80479	1000	170	51	0.02	1.8	1.1	0.1	Polymetallic Hydrothermal Breccia -
	80472	1000	1,000	174	1.52	10.5	7.7	0.3	Stockwork - Veins
	80498	833	0.8	2,019	137	5.74	16.7	20.5	Polymetallic Hydrothermal Breccia -
Channel	80499	833	1	909	71	2.32	6.7	8.8	0.3 Polymetallic Hydrothermal Breccia -
Mine Face	80500	833	0.75	386	34	0.09	8.1	1.9	0.0 Polymetallic Hydrothermal Breccia
Sample	80503	862	1.2	1,870	96	0.54	29.8	16.8	0.6 Polymetallic Veins
	80504	950	0.8	1,192	28	0.18	29.5	5.0	0.0 Polymetallic Veins
	80505	950	0.6	15	8	0.01	0.0	0.1	0.0 Polymetallic Hydrothermal Breccia
	80507	950	0.9	64	11	0.16	0.1	0.6	0.1 Polymetallic Veins
	80508	950	0.6	3,993	310	15.20	26.2	10.2	7.2 Polymetallic Hydrothermal Breccia -
	80509	1000	1	421	68	0.55	2.5	5.1	0.1 Polymetallic Hydrothermal Breccia
	80512	1000	1	899	864	0.07	0.1	0.2	0.1 Stockwork - Veins

Note:

Numbers may be rounded. Results are uncut and undiluted. True width not estimated as the Company does not have sufficient data from the new mineralized zones to determine the true widths of the intervals with any confidence.

* Ag Eq calculations using US\$20.00/oz Ag, US\$1,600/oz Au, US\$0.90/lb Pb, US\$1.10/lb Zn and US\$3.00/lb Cu, with metallurgical recoveries of Ag - 74%, Au - 86%, Pb - 69%, Zn - 75% and Cu - 80%. Ag Eq = ((Ag grade x Ag Price x Ag recovery) + (Au grade x Au price x Au recovery) + (Pb grade x Pb price x Pb recovery) + (Zn grade x Zn price x Zn recovery) + (Cu grade x Cu price x Cu recovery))/(Ag price x Ag recovery)
The areas selected for Phases I and II of the Program consist of material where mineralization is continuous, with evidence of silver, gold and base metal mineralization at concentrations attractive for a potential BSTM in early 2026. The BSTM will also require the construction of a demonstration processing plant on site, with details to be defined after the completion of Phase II and associated engineering studies.

The Company plans to continue investigating opportunities at the Plomosas Mine, based on recent success,

targeting the higher-grade silver zones in the MRE, which may support the implementation of a BSTM.

Note: Purple shapes are potential stopes blocks for BSTM. Pale grey represents existing underground developments of varying sizes, ramps and historical stopes.

About the Plomosas Project

The Plomosas Project, including the recent high-grade silver discovery in the San Marcial SE Area, is progressing in 2025 as an emerging high-grade silver district located in southern Sinaloa, Mexico. The Plomosas Project, covering 43,187 ha, benefits from mine infrastructure, road access and existing permits associated with past-producing historical mining sites. The district contains intermediate to low-sulfidation epithermal silver and gold mineralization, hosted in hydrothermal breccias and veins. Recent success in exploration and drilling has delineated wide, high-grade, shallow hydrothermal breccias in the San Marcial Area, including the SE Area discovery, where step-out drilling is progressing in 2025, aiming for continuous resource growth. At the historical Plomosas Mine, where a subsidiary of Grupo Mexico operated the underground mine from 1985 to 2000, exploratory and metallurgical programs are being conducted to support future decisions regarding the implementation of a BSTM.

QA/QC Procedures

The Company has implemented QA/QC procedures, which include the insertion of blank, duplicate, and standard samples in all sample lots sent to SGS de México, S.A. de C.V. laboratory facilities in Durango, Mexico, for sample preparation and assaying. For every sample with results above Ag >100 ppm (over limits), these samples are submitted directly by SGS de Mexico to SGS Canada Inc. at Burnaby, BC. The analytical methods include four acid Digestion and Inductively Coupled Plasma Optical Emission Spectrometry, with Lead Fusion Fire Assay and a gravimetric finish for silver above over limits. For gold assays, the analytical methods are Lead Fusion and Atomic Absorption Spectrometry, Lead Fusion Fire Assay, and gravimetric finish for gold above over limits (>10 ppm).

Qualified Person

The Qualified Person under National Instrument 43-101 Standards of Disclosure for Mineral Projects for this news release is Márcio Fonseca, P. Geo., President & CEO for GR Silver Mining, who has reviewed and approved its contents.

About GR Silver Mining Ltd.

GR Silver Mining is a Canadian-based, Mexico-focused junior mineral exploration company engaged in cost-effective silver-gold resource expansion on its 100%-owned assets, located on the eastern edge of the Rosario Mining District, in the southeast of Sinaloa State, Mexico. GR Silver Mining controls 100% of the Plomosas Project, including the former Plomosas underground mine and wide, high-grade silver mineralized zones at the San Marcial Area. Recent discoveries in the 78 km² of highly prospective, advanced-stage exploration concessions position the Company well for resource expansion at the Plomosas Project.

GR Silver Mining Ltd.

Márcio Fonseca, President & CEO

Cautionary Statement Regarding Forward-Looking Information

This press release contains "forward-looking statements" within the meaning of applicable Canadian securities legislation and information that are based on the beliefs of management and reflect the Company's current expectations. When used in this press release, the words "estimate", "project", "belief", "anticipate", "intend", "expect", "plan", "predict", "may" or "should" and the negative of these words or such variations thereon or comparable terminology are intended to identify forward-looking statements and information. Such statements and information reflect the current view of the Company. Risks and uncertainties may cause actual results to differ materially from those contemplated in those forward-looking statements and information. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements.

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