

September 8, 2020

GR Silver Mining AGM Update

Vancouver, BC – GR Silver Mining Ltd. (TSXV: GRSL, FRANKFURT: GPE, OTCQB: GRSLF) (“GR Silver Mining” or the “Company”) – will hold its annual general meeting (the “Meeting”) of shareholders of the Company (“Shareholders”) on September 11, 2020 at 10:00 a.m. (PST). Electronic copies of all materials related to the Meeting can be found on the Company's profile on the System for Electronic Document Analysis and Retrieval (“SEDAR”).

The Meeting will be held at the offices of the Company. However, due to health concerns relating to the novel coronavirus pandemic and to comply with government and public health directives, the Company is urging all Shareholders to vote by proxy in advance of the Meeting and is discouraging physical attendance in person at the Meeting. The Meeting will not be open to the general public and will be limited to registered Shareholders and duly appointed proxyholders only. Shareholders who wish to access and ask questions at the Meeting can do so by phone or audio-only webcast using the details provided below. An audio replay of the Meeting will also be available until October 13, 2020.

Zoom Meeting

Register in advance for this meeting:

<https://zoom.us/meeting/register/tJ0tf-mqrTsuGNJp6QyP0TlrlvBVKZCE7VIT>

After registering, you will receive a confirmation email containing information about joining the meeting.

About GR Silver Mining Ltd.

GR Silver Mining Ltd. is a Mexico-focused company engaged in cost-effective silver-gold resource expansion on its key assets which lie on the eastern edge of the Rosario Mining District, Sinaloa, Mexico.

PLOMOSAS SILVER PROJECT

GR Silver Mining owns 100% of the Plomosas Silver Project located near the historic mining village of La Rastra, within the Rosario Mining District. The Project is a past-producing asset where only

one mine, the Plomosas silver-gold-lead-zinc underground mine, operated from 1986 to 2001. The Project has an 8,515-hectare property position and is strategically located within 5 km of the San Marcial Silver Project in the southeast of Sinaloa State, Mexico. The Plomosas Project comprises six areas with an average of 100 surface and underground drill holes in each area, geophysical and geochemical data covering most of the concession, and 16 new exploration targets from which 11 have high priority for future exploration programs. This extensive database allows the Company to advance towards resource estimation and potential project development in the near future.

The 100%-owned assets include all facilities and infrastructure including: access roads, surface rights agreement, water use permit, 8,000 m of underground workings, water access, 60 km - 33 KV power line, offices, shops, 120-person camp, infirmary, warehouses and assay lab representing approximately US\$30m of previous capital investments. The previous owners invested approximately US\$18 million in exploration.

The silver and gold mineralization on this Project display the alteration, textures, mineralogy and deposit geometry characteristics of a low sulphidation epithermal silver-gold-base metal vein/breccia mineralized system. Previous exploration was focused on Pb-Zn-Ag-Au polymetallic shallow mineralization, hosted in NW-SE structures in the vicinity of the Plomosas mine. The E-W portion of the mineralization and extensions for the main N-S Plomosas fault remains under-explored.

SAN MARCIAL PROJECT

San Marcial is a near-surface, high-grade silver-lead-zinc open pit-amenable project. GR Silver Mining is currently drilling at the San Marcial Project, which contains 36 Moz AgEq (Indicated) and 11 Moz AgEq (Inferred), exploring recently defined new high-grade gold and silver targets along the project's 6 km mineralized trend. GR Silver Mining is the first company to conduct exploration at San Marcial in over 10 years. The NI 43-101 resource estimate (San Marcial Project – Resource Estimation and Technical Report) was completed by WSP Canada Inc. on March 18, 2019 and amended on June 10, 2020.

Plomosas and San Marcial collectively represent a geological setting resembling the multimillion-ounce San Dimas Mining District which has historically produced more than 600 Moz silver and 11 Moz gold over a period of more than 100 years.

OTHER PROJECTS

GR Silver Mining's other projects are situated in areas attractive for future discoveries and development in the same vicinity of Plomosas and San Marcial in the Rosario Mining District.

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