

**GREAT WESTERN MINING CORPORATION PLC**  
**("Great Western", "GWM" or the "Company")**

**MILL SITE UPDATE**

Great Western Mining Corporation PLC (AIM - GWM.O, Euronext Growth - 8GW), which is exploring and developing gold, silver and copper targets in Nevada, provides the following progress report on its 50% owned process mill in Mineral County, Nevada.

- Construction of mill site complete
- All process plant on site for gravity separation with generator in place
- Permit granted by regulator for moving material to site from remote locations
- Commissioning and start-up of mill operations waiting on environmental permit
- Application for stage-2 leaching process to be submitted following approval of permit for gravity separation

Construction of the mill for producing precious metal concentrates from mining waste and ore through gravity separation was completed shortly prior to the end of the year with all process equipment on site. The mill is owned and operated by Western Milling LLC, a 50-50 joint venture between Great Western and local contractor Muletown Enterprises LLC.

A generator has been installed on site for powering the plant which will be replaced in due course by three-phase power from the local utility company.

The Federal Bureau of Land Management ('BLM') has now granted a permit for collecting material from mine locations and delivery to the mill site. Initially the mill will process approximately 35 tonnes per day and has the capacity to be expanded at minimal cost to 200 tonnes/day, once operating parameters have been established.

Commissioning and start-up are dependent on the grant of an operating permit from NDEP (Nevada Department of Environmental Protection), timing of which is outside the joint venture's control. To the best of the Company's knowledge, all environmental guidelines have been rigorously observed and in some cases exceeded, the joint venture not being aware of any outstanding issues beyond pressure of work at the environmental agency. NDEP has advised the joint venture that completion of the application has high priority.

Please use the following link to access a gallery of mill photographs and click on an individual photo for a description:  
<https://www.greatwesternmining.com/priorities/reprocessing/>

**Great Western Chairman Brian Hall commented:** *"Western Milling has achieved its objective of completing construction of the process mill by the end of 2023, within 12 months of project start-up. The joint venture is ready to commission the plant and start operations as soon as the environmental permit has been issued."*

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**Notes to Editors**

The Company has a large tract of acreage in Mineral County, Nevada. The acreage partly consists of rugged, mountainous terrain, large parts of which remain under-explored. Mineral potential is hosted by the regional Walker Lane Structural Belt, the largest structural and metallogenic belt in Nevada, yet one of the least explored in recent times, with gold, silver and copper currently produced in Mineral County. Great Western has seven distinct concession areas which offer the potential for exploiting (1) short term gold and silver deposits and (2) long-term, world-class copper deposits.

Six of the Company's properties are in the west of Mineral County and are 100% owned and operated. The Company has an option to acquire a seventh property, the Olympic Gold Project, in the east of the county. Great Western's small exploration team is supported by locally based consultants and contractors.

The state of Nevada was rated the world's most mining friendly jurisdictions by the Fraser Institute of Canada in 2023. While tightly regulated and environmentally conscious, Nevada welcomes the mining industry. Great Western takes care to ensure that its claims are maintained in good standing and all regulations observed.

There are numerous gold and silver prospects on the Company's acreage, including extensive historic mine workings which offer the opportunity for secondary recovery. As well as mineral exploration and appraisal, the Company is a 50% participant in the Western Milling LLC joint venture which has now completed construction of a mill to process pre-mined material for secondary recovery of gold and silver. The mill is currently waiting on a state environmental permit to enable commissioning and first production of precious metal concentrates.

Through extensive drilling over a five-year period, GWM has established a Mineral Resource on its M2 target area in the Black Mountains group of claims. 4.3 million tonnes at 0.45% copper are reported, being 19,000 tonnes of contained copper metal. This resource has been independently reported in accordance with JORC guidelines.

GWM has also established an Inferred Resource Estimate of 31,000 tonnes grading 1.6 g/t gold and 3.0 g/t silver in tailings associated with the OMCO Mine at the Olympic Gold Project. Additionally, exploration targets have been independently reported as follows:

3,400 - 6,400 tonnes grading between 0.5 and 1.2 g/t Au and 1.2 and 2.1 g/t Ag in the substrate beneath the tailings volume at the Olympic Mine.

- 9,000 - 12,000 tonnes grading between 0.9 and 2.4 g/t Au and 2.0 and 5.1 g/t Ag in a coarse stockpile at Olympic Mine.
- 4,200 - 7,700 tonnes grading between 40 and 140 g/t Ag and 0.3 and 0.3 g/t Au in spoil heaps at Mineral Jackpot.

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