



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

NEW YELLOW PEAK CLAIMS STAKED

EVIDENCE FOR PORPHYRY POTENTIAL

Great Western Mining Corporation PLC (AIM – GWMO, Euronext Growth – 8GW), which is exploring and developing gold, silver and copper targets in the Walker Lane belt of Nevada, USA, announces the staking of a new group of 20 claims at Yellow Peak in the northeastern end of the Little Huntoon Valley.

HIGHLIGHTS

- **Twenty new claims staked at Yellow Peak close to and on trend with the Huntoon Copper Project.**
- **Significant outcropping phyllic alteration identified which is a key indicator of porphyry-style mineralisation.**
- **Highly evolved granite phase identified through fieldwork, previously unrecognised in the region and strengthening evidence for a large-scale magmatic-hydrothermal system.**

Great Western Chairman Brian Hall commented: *"We are very pleased to have secured the rights to the Yellow Peak area which we believe will add significant value to the Huntoon Copper Project. The identification of previously unrecognised granites at Yellow Peak reinforces our belief that this region has the potential to host a substantial porphyry copper system and we will start work in earnest on these new claims, aiming to unlock value for shareholders."*

In a complex and rapidly changing environment, domestic resources of copper in the U.S.A., already categorised as a critical metal, will become a more and more interesting commodity and we are well placed to move the Huntoon Copper Project forward. We will provide updates as exploration progresses."

YELLOW PEAK

Twenty new claims have been staked at Yellow Peak, situated close to the Company's established Huntoon Copper Project in Mineral County, Nevada. The decision to stake Yellow Peak was driven by the identification of extensive outcropping phyllic alteration, a recognised indicator of porphyry copper mineralisation, and the presence of a key highly evolved granite phase that has never previously been recorded in this region.

The phyllic alteration at Yellow Peak is characterised by quartz-sericite-pyrite assemblages across multiple exposures, indicative of high-level hydrothermal fluid alteration. Such features are commonly associated with shallow portions of porphyry copper systems and enhance the geological prospectivity of the area.

In addition, Great Western's technical team has identified a distinct, highly evolved granite phase within the Yellow Peak area, which likely correlates with the Crowne Point granite mapped by the Company at the centre of the West Huntoon copper prospect. This granite is geochemically distinct from other intrusive phases in the region and is typically associated with late-stage magmatic processes that can be linked to porphyry copper mineralisation. Identification of this phase is original work by Great Western and its independent porphyry consultant, Dr. Lawrence Carter. It is now

understood to be associated with alteration and mineralisation over a number of sites over Great Western's claims in the northeastern end of the Huntoon and Little Huntoon Valleys.

The staking of the Yellow Peak area aligns with Great Western Mining's broader exploration model for the Huntoon Copper Project, where multiple lines of evidence continue to support the presence of a large-scale magmatic-hydrothermal system. Planned follow-up exploration, including detailed mapping, sampling, and geophysical surveying will investigate the area's potential.

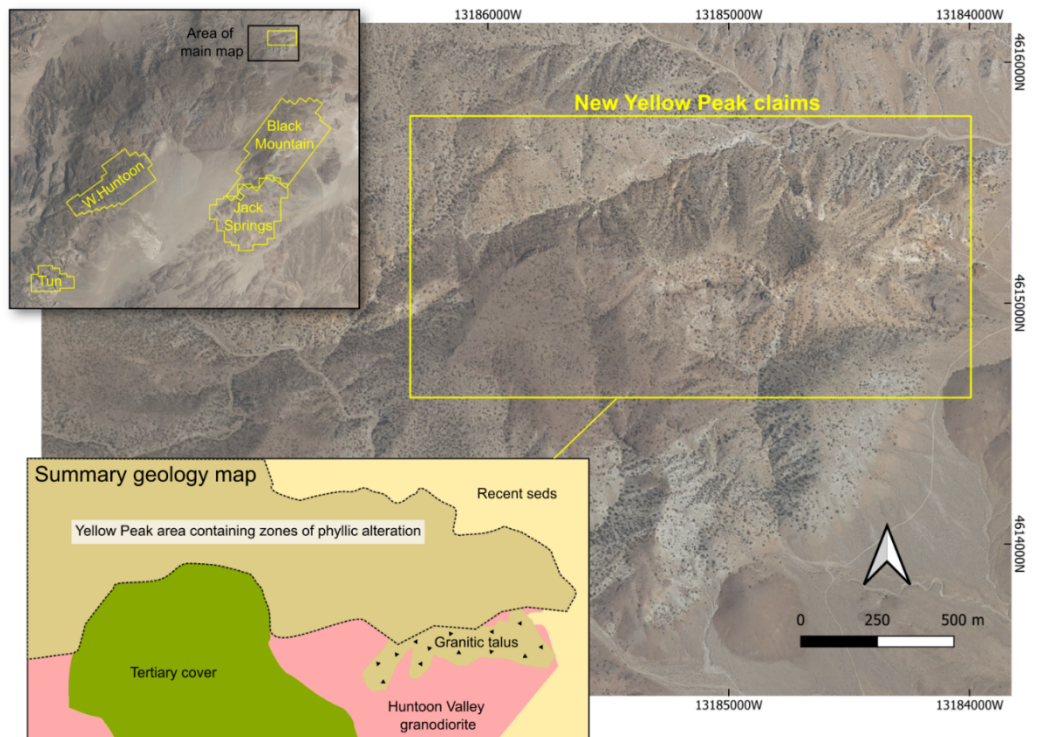


Figure 1. Map showing area of new claims at Yellow Peak.

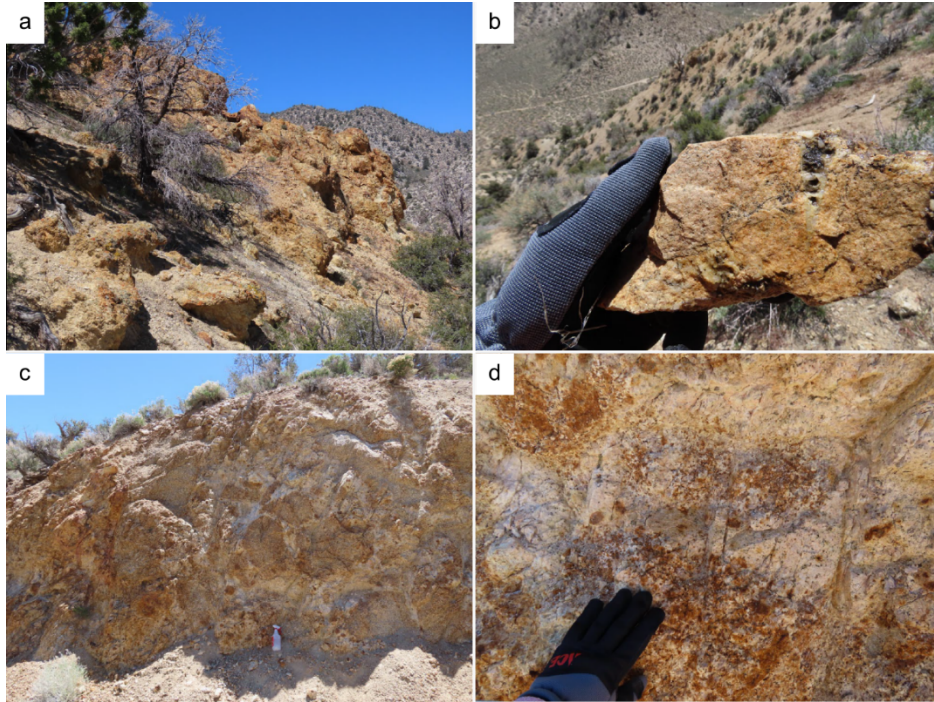


Figure 2. a) Zones of intense phyllic alteration; b) aplitic porphyry cut by multiple generations quartz veins containing relict sulphides; c & d) Igneous breccia contains boulders of Whiskey Flat granite cemented in a matrix of quartz rich aplitic porphyry or microgranite (equivalent to Crowne Point).

QUALIFIED PERSON STATEMENT

The information in this announcement that relates to exploration results is based on information reviewed by Dr James Blight MGeol PhD MAusIMM who is Exploration Manager of Great Western Mining Corporation PLC. Dr Blight is a "Qualified Person" as defined in the "Note for Mining and Oil & Gas Companies" which form part of the AIM Rules for Companies. Dr Blight has reviewed and consented to the inclusion in the announcement of the information in the form and context in which it appears.

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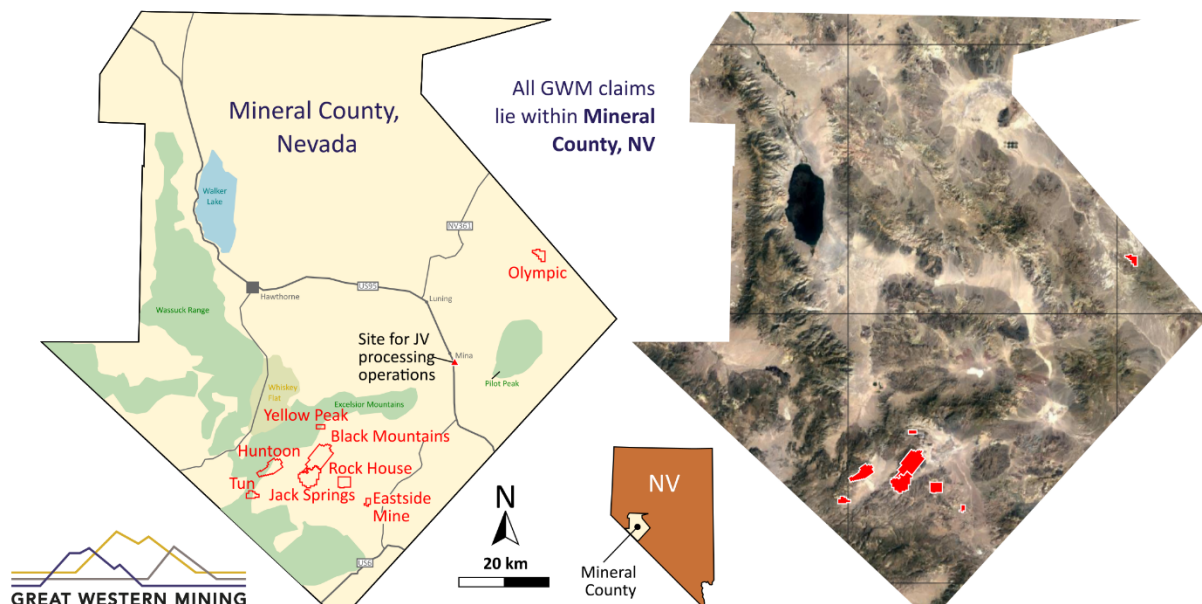
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Notes to Editors

The Company has a large tract of acreage in Mineral County, Nevada. The area consists of rugged, mountainous terrain, which means that large parts of it 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 the seventh and most recent acquisition, the Olympic Gold Project, is in the east of the county, some 50 miles from the main group. All the Company's claims are 100% owned. Claims at the Eastside Mine Group have been contributed to a pooling agreement with Bronco Creek Exploration, Inc. and in addition the Company participates in the Huntoon Mine Area Cooperation Agreement with landowner-neighbour Crowne Point Resources with whom it shares resources. Great Western's small exploration team is supported by locally based consultants and contractors.



The state of Nevada is one of the world's most mining friendly jurisdictions. 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. The Company is party to a 50-50 joint venture known as Western Milling LLC which is constructing a mill to process pre-mined material for secondary recovery of gold and silver.

Furthermore, through extensive drilling over a five-year period, GWM has established a Mineral Resource on its first target area known as M2, of 4.3 million tonnes at 0.45% copper, for 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.