



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

**Operations Update**  
**Olympic Gold & the RH Group**

Great Western Mining Corporation PLC (AIM – GWMO, Euronext Growth – 8GW), the mineral exploration and development company with gold, silver and copper assets in the USA, provides the following update on operations at the **Olympic Gold Project** ('Olympic') and the **Rock House Group** ('RH') in Mineral County, Nevada.

**Olympic Gold Project**

The Company acquired an option-to-purchase the Olympic Gold Project in May this year and in September a ground magnetics survey was carried out over the principal prospects in the Olympic acreage, the results of which have now been analysed. Highlights are:

**Trafalgar Hill:** A very strong magnetic anomaly indicating the potential for precious metals has now been established beneath the Trafalgar Hill target area.

**OMCO Mine extension:** Of particular interest is establishing a cross-fault continuation of the veins which were the source of precious metals for the prolific OMCO Mine and which produced very high grades of gold and silver until the 1940s. A Magnetometer survey has revealed encouraging magnetic anomalies and the next stage will be a follow-up ground magnetics survey this month to define the anomalies around the faulting more clearly. This will be followed by an Induced Polarisation ('IP') survey over the strongest anomalies, aiming to locate buried, sulphide-rich gold-silver mineralisation. Timing of starting the IP survey cannot be finalised yet due to the high level of mineral exploration activity in the area at present.

**Rock House Group**

A magnetometer survey is currently in progress. Trench sampling during the summer in the Southern Alteration Zone ('SAZ') has yielded two areas of elevated gold mineralisation with 1.5 metres at 0.23 grams/tonne gold from 9.14 metres and 1.5 metres at 0.10 grams/tonne gold from 18.29 metres, both in Trench 4. Between these two intercepts, significant areas have yet to be sampled and these will be infilled with a further trenching and sampling programme, timing dependent on contractor availability. The follow-up programme will also target outcrop south of Trench 5 which appears to be along strike of this newly discovered zone and not yet sampled.

**Great Western chairman Brian Hall commented:** *"We are fortunate in having numerous gold and silver prospects across our extensive land holdings in Mineral County, Nevada, in addition to the copper potential already established. In parallel with the work we are currently doing to commercialise gold and silver at the Mineral Jackpot group of claims, the newly acquired Olympic Gold Project is proving to be of high interest to our exploration team. The results we are seeing from the work we have now done on the RH Group support the prospectivity of these claims, which have never before been mined and which we successfully identified from satellite imagery. The JS Group and the Huntoon Valley are also prospective for precious metals and we will be targeting these in due course."*

**Qualified Person:** Information in this announcement has been reviewed by William Cooper, who is the Chief Geologist and Exploration Manager of Great Western Mining. He holds a MSc in Mining

Geology from the Camborne School of Mines. He is a Member of the Australian Institute of Geoscientists (MAIG) and is a Qualified Person as defined in the Note for Mining and Oil & Gas Companies which form part of the AIM Rules for Companies. Mr. Cooper consents to the inclusion of the information in the form and context in which they appear.

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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 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 is generally considered to be 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.

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 0.45% copper, for 19,000 tonnes of contained copper metal. This resource has been independently reported in accordance with JORC guidelines.