



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

**OMCO DRILLING RESULTS**

Great Western Mining Corporation PLC (AIM – GWMO, Euronext Growth – 8GW) is pleased to announce final assay results from its recent drilling programme in the OMCO Mine area of the Olympic Gold Project in Mineral County, Nevada.

**HIGHLIGHTS**

- **OMCO Mine vein intercepted**
- **Extension to OMCO Mine now established**
- **Gold recorded over 6.1 metre interval including a best intercept of 8.1 grams/tonne over 1.5 metres**
- **Vein extension is open to southeast, adjacent to old workings, and will be further explored**
- **Assay results from a coarse stockpile at OMCO will support an independent resource estimation**

*Note 1 – g/t = grams per metric tonne, equivalent to parts per million*

*Note 2 – All intervals are quoted as downhole length – true widths are not known at this time*

Great Western chairman Brian Hall commented: *"During the summer work seasons of 2021 and 2022, we have drilled a number of holes in the vicinity of the abandoned OMCO Mine that yielded high grades of gold for several decades until the 1940s. At Hole 15, drilled this summer, assay results tell us that we have now intercepted an extension of the OMCO vein itself, one of our key objectives, encountering vein material beyond the known limits of the old workings. Significantly, the trend is open to the southeast in unexplored acreage adjacent to the old workings. This is a very exciting result which will enable us to home in on the potential of the asset. In parallel we have drilled and are evaluating tailings and previously mined material for our processing joint venture and have commissioned an independent UK firm of consultants to report on these."*

**OMCO RESULTS**

Ten holes were drilled in the OMCO Mine area during summer 2022 with results tabulated below (Table 1). At Hole 15, an intersection of the OMCO vein was recorded as follows:

- 2.682 g/t Au average over an interval of 6.10 m, beginning at 38.10 m, including:
  - 8.110 g/t Au over 1.52 m, from 39.62 m, and
  - 1.747 g/t Au over 1.52 m, from 41.15 m.

This grading zone is associated with logged quartz vein surrounded by clay alteration and is at a depth consistent with both the old workings and mapped, unmined portions of the vein. Other holes targeting the unmined OMCO vein positioned to the southwest intersected the target structure but did not identify appreciable grade, most likely due to being too far from the centre of mineralisation.

Mapped, un-mined OMCO vein remains undrilled to the southeast, adjacent to the historic workings and potentially closer to the source of mineralising fluids, to be further explored by GWM.

Other holes from the 2022 programme intersected low-grade gold zones, as set out in table 1, and

will support modelling of the broader mineralising systems to locate the potential of increasing grade on these horizons.

### STOCKPILE SAMPLING

A previously-mined stockpile of material at the Olympic Gold Project has been selected for processing through the Company's planned joint venture milling operation, in addition to tailings at OMCO and spoil heaps at Mineral Jackpot, already identified. An independent UK-based consultancy has been contracted to prepare a report on these volumes of coarse material together with the substantial tailings at the OMCO Mine.

The results announced here include four short, vertical holes which have been drilled into the mineralised coarse stockpile at the mine site this summer, being material produced when the OMCO Mine was still active, but never processed. One bulk sample was taken from each of these holes to provide one sample per hole. Results from these four samples fell in the range 0.219 – 1.113 g/t gold and are set out in table 2 below and are being used in support of the current independent resource estimation process.

**Table 1: OMCO in situ gold Intercepts greater than 0.10 g/t.**

Hole ID	Collar Easting (NAD83)	Collar Northing (NAD83)	Collar Elevation (metres)	Azimuth	Dip	Hole length (metres)		From (metres)	To (metres)	Interval (metres)	Gold (Au; g/t)	Silver (Ag; g/t)
OMRC015	422,211	4,273,557	1,830	000	-90	121.92		38.10	44.20	6.10	2.682	9.2
							<i>including</i>	39.62	41.15	1.52	8.110	14.8
							<i>and</i>	41.15	42.67	1.52	1.747	14.9
OMRC016	422,275	4,273,566	1,832	000	-90	124.97		22.86	24.38	1.52	0.138	1.3
								24.38	27.43	3.04	Mined void	
								27.43	28.96	1.52	0.141	1.2
								64.01	65.53	1.52	0.126	1.2
OMRC017	422,216	4,273,517	1,834	000	-90	60.96	No significant intercepts					
OMRC018	422,081	4,273,731	1,826	000	-90	137.11		35.05	36.58	1.52	0.106	BDL
								71.63	82.30	10.67	0.142	0.13
							<i>including</i>	79.25	80.77	1.52	0.246	0.3
OMRC019	422,464	4,273,590	1,829	000	-90	259.08		74.68	76.2	1.52	0.107	BDL
OMRC020	423,065	4,273,420	1,834	000	-90	274.02	No significant intercepts					
OMRC021	422,197	4,273,525	1,834	000	-90	70.10	No significant intercepts					
OMRC026	421,988	4,273,651	1,838	030	-60	149.35		0.00	12.19	12.19	0.110	BDL
								88.39	89.92	1.52	0.138	BDL
								103.63	105.16	1.52	0.128	BDL
OMRC027	422,194	4,273,489	1,840	000	-90	60.96	No significant intercepts					
OMRC028	422,226	4,273,479	1,838	000	-90	60.96		56.39	57.91	1.52	0.113	BDL

\*BDL = Below detection limit

**Table 2: OMCO coarse stockpile gold Intercepts greater than 0.10 g/t.**

Hole ID	Collar Easting (NAD83)	Collar Northing (NAD83)	Collar Elevation (metres)	Azimuth	Dip	Hole length (metres)		From (metres)	To (metres)	Interval (metres)	Gold (Au; g/t)	Silver (Ag; g/t)
OMRC022	422,253	4,273,686	1,822	000	-90	5.18	Bulk	0	5.18	5.18	0.219	0.5
OMRC023	422,251	4,273,697	1,821	000	-90	7.32	Bulk	0	7.32	7.32	0.571	1.5
OMRC024	422,257	4,273,694	1,821	000	-90	5.18	Bulk	0	5.18	5.18	0.898	2
OMRC025	422,256	4,273,694	1,821	000	-90	4.57	Bulk	0	4.57	4.57	1.113	2.4

*\*BDL = Below detection limit*

**Competent Person Statement:** The information in this announcement that relates to exploration results is based on information reviewed by Dr James Blight MGeol PhD MAusIMM (CP) who is Exploration Manager of Great Western Mining PLC. Dr Blight has requisite experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking, to qualify as a “*Competent Person*” as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Blight is also 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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**Notes to Editors**

The Company has a large acreage position 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 at 0.45% copper, for 19,000 tonnes of contained copper metal. This resource has been independently reported in accordance with JORC guidelines.