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Certain information contained herein constitutes forward-looking statements which can be identified by the use of forward-looking terminology such as 'anticipates', 'believes', 'estimates', 'expects', 'intends', 'may', 'plans', 'projects', 'should' or 'will', or, in each case, their negative or other variations or comparable technology, or by discussions of strategy, plans, objectives, goals, future events or intentions.

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Forward-looking statements are not guarantees of future performance and the actual results of the Company's operations, financial position and liquidity, prospects, growth, strategies and expectations and the development of the markets and the industry in which the Company operates may differ materially from those described in or suggested by the forward-looking statements contained in this document. No statement in this document is intended to be or may be construed as a profit forecast.

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# **Great Western Mining Corporation PLC**

- > Mineral exploration and development company exploiting precious metals and base metals in Nevada
- **Gold exploration target**<sup>1</sup> 0.50 to 1.50 million ounces from multiple prospects
- > Aiming for first gold sales in 2020 through processing spoil heaps
- > Numerous silver prospects
- > 60 km<sup>2</sup> (14,900 acres) of mining concessions in the Walker Lane Trend
- > Indicated and Inferred Mineral Resource<sup>2</sup> 4.3 million tonnes at 0.45% copper development partner sought
- > Listed on AIM (GWMO) and Euronext Growth (8GW) one class of widely-held ordinary share and no corporate debt
- 1. The potential quantity and grade is conceptual in nature, there has been insufficient exploration to define Mineral Resources and it is uncertain if further exploration will result in the determination of Mineral Resources.
- 2. The Mineral Resource Estimate has been prepared in accordance with The JORC Code, 2012 edition, based on ~5,000 metres of drill hole data.













# **Great Western's Strategy**



Prioritise the exploration of gold and silver on existing licensed acreage to establish a commercial resource

Fast-track the exploitation of precious metals to achieve early gold sales

Expand the search for precious metals into new areas (example: The Olympic Gold Project)



Develop substantial copper potential through introducing new industry partners with access to technology and large scale finance



### **Properties and Targets**



5,000 - 25,000

Planning stage

Option to purchase 100%	Target Commodity	Target Gold oz.	Project Status
Olympic Gold Project	Gold & Silver	450,000 - 1,200,000	Survey ongoing
OMCO Mine extension		250,000 - 500,000	
Trafalgar Hill		100,000 - 350,000	
<ul> <li>Other prospects combined</li> </ul>		100,000 - 350,000	

Gold & Silver

### **Total Gold Target**

100% owned

**Mineral Jackpot** 

Huntoon Group

JS Group

**TUN Group** 

### 0.50M – 1.50M ounces

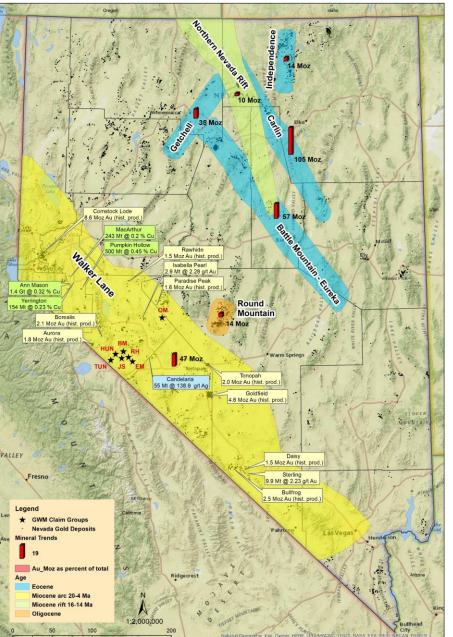
1. The potential quantity and grade is conceptual in nature, there has been insufficient exploration to define Mineral Resources and it is uncertain if further exploration will result in the determination of Mineral Resources.



### Gold, Silver & Copper in Nevada



- All the Company's assets are located in Mineral County, Nevada and include old gold and silver mines which can be reworked with modern technology
- Prolific gold and silver discoveries made in the past on Great Western's properties. Mountainous topography without benefit of modern equipment has left large areas under-explored and under-exploited.
- All licences lie within the Walker Lane Trend which contains large mineral deposits (Comstock Lode, Yerington, Pumpkin Hollow, Isabella Pearl and multiple small gold mines)
- Mineral County is rich in gold, silver, copper and other minerals, with numerous mining companies active in the immediate area.
- Great Western's eight distinct concession areas have the potential for (1) gold and silver in the short term and (2) substantial copper development in the longer term



### **Work in Progress – Current Programme**



Prioritised work in progress on three of Great Western's multiple gold and silver targets:

- The Mineral Jackpot cluster of five historic gold mines (MJ)
  - Road rehabilitation for heavy vehicle access
  - Drilling to map productive veins as preliminary to mine development plan
  - Drill and grab sampling most promising of 38 spoil heaps
  - Transport spoil materials to processing area
  - Processing for precious metals
- The Rock House group (RH)
  - Small quantity of gold produced from float rock samples in summer 2020
  - Trenching complete at the Eastern Shear Zone and Southern Alteration Zone
  - Samples being processed at independent laboratory
  - Magnetometer survey
  - Targeted further soil sampling
  - Initial drilling based on results of trenching and samples
- The OMCO Mine Extension (Olympic Gold Project)
  - Magnetometer survey to locate an extension to the vein at the OMCO Mine east of fault
  - Subsequent work programme will be planned around results of the survey

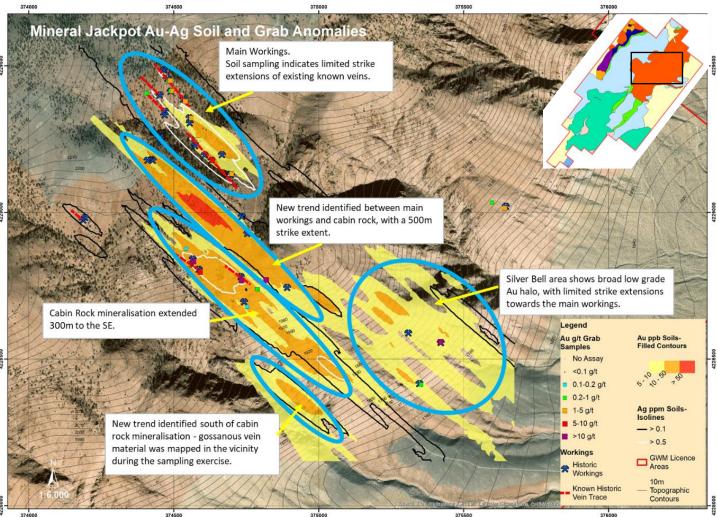


# **Mineral Jackpot – Gold-Silver target**



The **Mineral Jackpot** cluster is located in the Black Mountain Group of claims and comprises five closely-linked old gold mine workings. Rich spoil heaps will be processed for gold and silver, aiming to produce precious metals for sale in 2020. Trenching and drilling programme under way to identify new veins.

- Sampling of veins in former workings returned high grade gold samples including 19.1, 27.4 & 95.6 grams/tonne
- 2019 soil sampling programme has more than doubled the known extent of mineralisation, identified new vein sets and linked numerous historical shafts and adits.
- Historic geological report identifies seven subparallel lodes, prospective for gold and silver mineralisation, in both the quartz veining and the surrounding altered vein selvedge.
- The strike extent of the Mineral Jackpot target is now greater than 2km and includes the Silver Bell and Silver Moon mines
- Drilling and spoil heap recovery in 2020



# **Mineral Jackpot – Production of First Gold**

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- At the Mineral Jackpot Group there are up to 38 individual spoil heaps from the workings of numerous historic gold mines, and roughly half of the heaps are now accessible for vehicles following recent road upgrading and repairs
- Two large spoil heaps have been selected for initial evaluation and a first load-out of material will undergo laboratory analysis to determine whether gravity recovery or cyanide leaching will be most appropriate processing route.
- Current permitting will allow for the removal of up to 900 tonnes from the mine area, for further processing at either the company's Marietta base, or by a contractor at an offsite base
- The Company aims to produce first gold in 2020. If this is successful a larger scale plan of operation will be applied for and facilities constructed for continuous production at the Marietta property





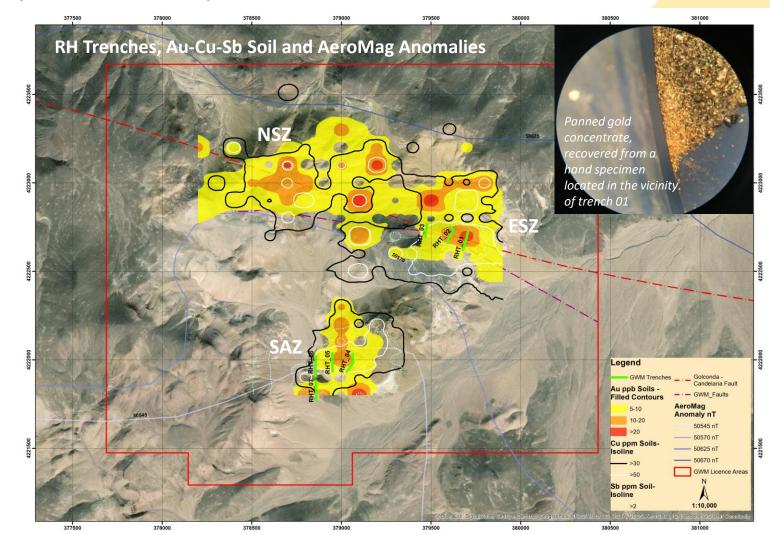


### **RH Group – Gold-Silver target**



The **Rock House Group** ('RH') has never been mined but mineralisation has been identified through satellite imagery and confirmed on the ground by soil sampling in 2019. Trenching programme over two of the main target areas completed in August 2020, samples under analysis and drill locations being identified and prepared. Additional infill soil sampling programme to be carried out in Q4 2020 over the northern prospect. The terrain is favourable for new mining activity and three new unexplored, mineralised zones have now been identified:

- Eastern Shear Zone (ESZ): 35,000m<sup>2</sup> Au-Cu-Pb-Sb soil anomaly. Rock sampling returned 0.24 g/t Au and 0.13% Cu in a 200m intensely deformed argillised and hematised shear structure. Trench programme completed August 2020, targeting deformation zone. Exploration target 100kt to 500kt, hosting 10,000 to 100,000 oz. gold
- Northern Slate Zone (NSZ): 700,000m<sup>2.</sup> Gold soil anomaly with presence of Cu & Ni along the northern contact of the Golconda-Candelaria thrust fault.
- Southern Alteration Zone (SAZ): Au-Ag-Sb-As-W anomalies associated with strong phyllic and silica alteration. Trench programme completed Aug 2020, targeting the alteration zone and associated soil anomalies. Exploration target 500,000 to 2 million tonnes, hosting 10,000 to 150,000 oz. gold.



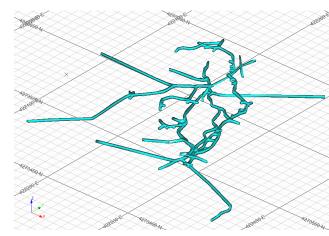
### **OLYMPIC GOLD PROJECT - OMCO Mine Extension**

- In May 2020 Great Western acquired a 4-year option to purchase the 825-acre Olympic Gold Project in eastern-central Mineral County, Nevada.
- The Olympic Gold Project comprises several gold and silver prospects and initial focus is on the **OMCO Mine Extension** prospect.
- Between the two world wars, the OMCO Mine produced 35,000 tonnes with grades of 25 grams/tonne gold & 30 grams/tonne silver, from 900 metres of underground workings. The eastern extent of the productive vein was defined by a fault which became the limit of mining operations.
- Given the unlikelihood of the vein terminating at precisely the line where the fault subsequently occurred, Great Western's challenge is to find a continuation of the vein on the eastern side of the fault, so a preliminary magnetometer survey is being carried out in Q3 2020.
- With a history of high grades of gold and silver produced from the OMCO Mine, locating a continuation of the OMCO vein, an unexploited extension to the OMCO Mine, is a high priority for Great Western.









The OMCO Mine accounts for less than half a percent of the exploited area at OM Group. Images show the site of the historic headframe from which high-grade samples of gold and silver were recently taken by GWM. Historical data has been converted for modern interpretation e.g. 3D mine models and drill sections.

# **Olympic Gold Target Zones**



#### 1. OMCO Mine Extension

- Extension of the remaining OMCO Vein across unexplored fault blocks to the south and west of the mine workings.
- Follow up parallel vein sets both above and below the OMCO Vein indicated by historic drilling, such as the Cosmos Vein.

#### 2. East OMCO Fault

• Continuation of OMCO Vein deposit displaced southeast by the OMCO Fault. Unexplored fault has potential to be mineralised feeder structure host to larger size deposit than OMCO Vein.

#### 3. OMCO Tailings

Re-evaluation of historic tailings deposit of ~41 kt @ 1.67 g/t Au.

#### 4. Trafalgar Hill

• Extension of two outcropping gold-quartz veins along strike and at depth beneath Quaternary cover.

### 5. West Ridge

• Area of gold quartz veining, potentially a westerly extension of the OMCO vein. May also be associated with mineralisation seen at Trafalgar Hill to the north west, with significant post-mineralisation cover occurring between the two prospects.

### 6. Middle Hills

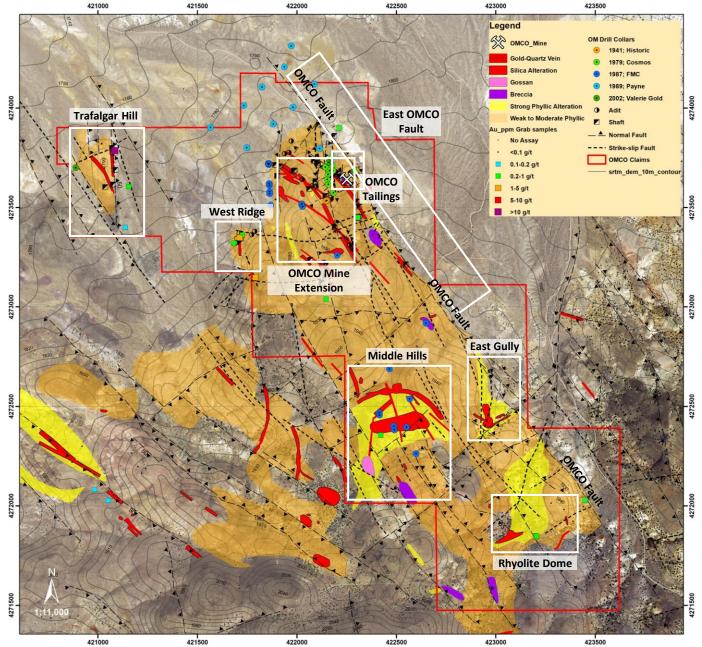
• Large footprint of strong silicification and phyllic alteration associated with gold-quartz veining, gossans and breccias.

### 7. East Gully

• Similar characteristics to Middle Hills with further intersecting fault orientations adding likelihood of hydrothermal fluid transport and mineral deposition. Placer gold has reportedly been recovered from the target and has potential to link to Middle Hills.

### 8. Rhyolite Dome

• Area of gold-quartz veining and brecciation associated with silica flooding.



### **Copper Target Zones**



### 1. M2 Copper Project

- Indicated and Inferred Mineral Resource of 4.3 million tonnes at 0.44% Cu, for 19,000 tonnes of Cu metal
- Open down dip and along strike
- Deep copper target defined based on IP/resistivity anomaly within the host diorite

### 2. M4 Copper Project

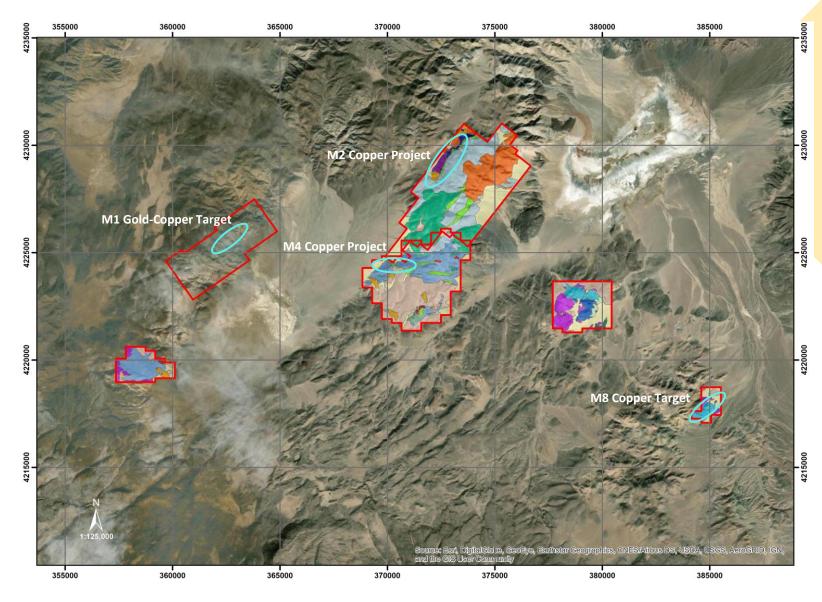
- 3 diamond holes drilled in 2018
- Best intercept of 43.0m @ 0.24% Cu, within a large quartz-copper-carbonate breccia vein
- 6 further holes permitted to test the extent of the breccia vein and a >4km strike-length buried IP anomaly

### 3. M8 Copper Target

• Twin extensive NE trending graben structures host Cu enriched soil anomalies and Copper-quartz vein bearing fault breccias at surface

### 4. M1 Gold-Copper Target

- Reverse circulation hole drilled in 2018 best intercept of 27.4m @ 0.35% Cu
- Grade thicknesses, along with host lithologies, bear many similarities to the copper mineralisation seen at the M2 project





# Summary



Great Western is currently prioritising three out of many precious metals prospects and field work is in progress during 2H 2020



The Company is funded for its 2020 programme

Target gold ranges from 0.50 to 1.50 million oz. from all prospects An exciting new project has been added in 2020

Industry partners sought for Great Western's large copper resource





### **Appendix 1 – Great Western's People**

#### **BOARD OF DIRECTORS**

Brian Hall, Executive Chairman – 40+ years' experience managing resource companies. Founder and former Chairman and CEO of oil company Aminex PLC which discovered and produced oil and gas on three continents. Joined Great Western as non-exec in 2012. Executive chairman Nov 2019

**Robert O'Connell, Operations Director** – 20+ years operating and drilling experience. Founder employee of Great Western, staked the original claims and oversaw 5,000 metres of drilling resulting in an inferred copper resource of 19,000 tonnes

Max Williams, Finance Director and Company Secretary – Chartered Accountant, 25 years experience managing the finances of publicly traded resources companies. Former Finance Director of Premium List Aminex PLC

Andrew Hay, Senior Independent Director – 30+ year banking career in London and New York. Former head of London corporate finance team at the Edmond de Rothschild bank. Currently Senior Advisor at Smith Square Partners, a leading London corporate finance firm.

Alastair Ford, Non-executive director – 20+ year career as a mining specialist, former Chief Investment Officer at Mineral & Financial Investments PLC, former mining journalist at Investors' Chronicle, former Editor of The Minesite.com, currently Mining Affairs Consultant for Proactive Investors

#### **EXPLORATION TEAM**

William (Bill) Cooper, VP-Exploration - Mining Geology MSc from Camborne School of Mines & Member of the Australian Institute of Geoscientists (MAIG). Experienced mining geologist - near mine site exploration, underground production geology, open pit production geology, resource definition drilling and planning and resource estimation. Formerly Senior Geologist - Resources & Mining at consultants CSA Global in the UK. Earlier - exploration geologist Barrick Gold Australia, mine geologist Kalgoorlie Consolidated Gold Mines and Project Geologist Focus Minerals Ltd. Specific expertise in gold and copper.

Jack Davies – Exploration Geologist - BSc in Applied Geology from Camborne School of Mines and winner of the JC Davey Industrial Geology Award. Exploration Geologist for Great Western's properties in Mineral County, Nevada since 2018. Previous experience in epithermal gold and copper discovery and development in the Tethyan Belt as well as consulting on NI43-101 reporting and GIS work.



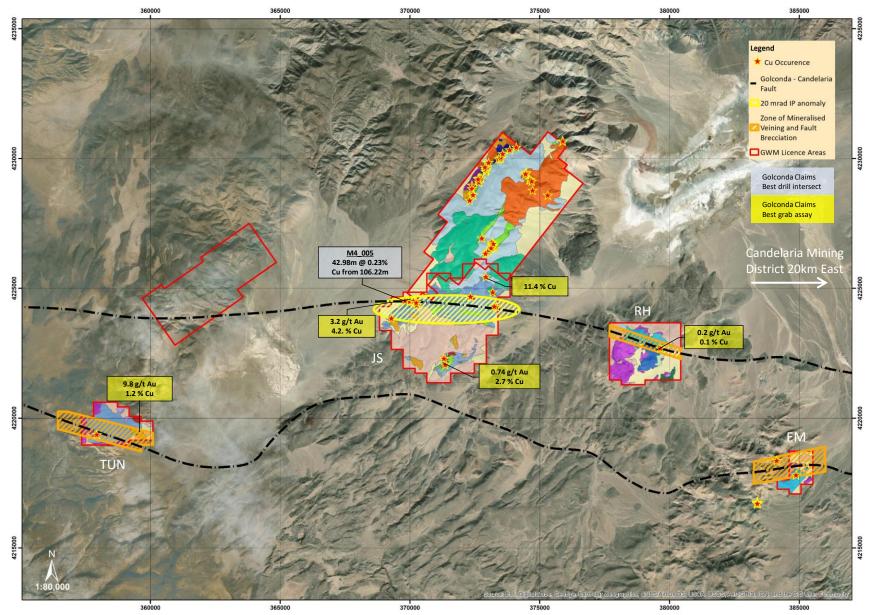


### **Appendix 2 – Great Western's other assets**



### **Regional Setting - Golconda-Candelaria Fault**

- The **Golconda Thrust Fault** is an extensive regional structure spanning Nevada from west to north and providing a major pathway for hydrothermal mineralisation.
- The fault is host to the major Candelaria silver and gold mining district, 20km east of Great Western's claims.
- Evidence from field mapping, surface sampling, IP/resistivity and aeromagnetic surveys indicates that the **Golconda Thrust Fault structure intersects 5 of Great Western's concession areas:** 
  - RH Group
  - TUN Group
  - JS Group
  - EM Group
  - HUN Group



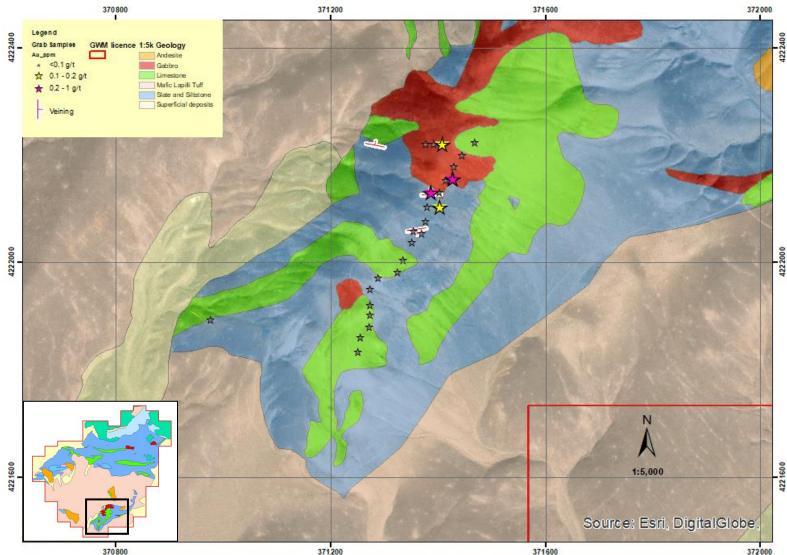




### JS Group – M5 Gold target

- The M5 prospect occurs in altered siliceous basement rock, exposed beneath volcanic cover for approximately one square kilometre
- Field work conducted in 2014 and 2019 found consistently anomalous readings of gold, arsenic and antimony along the north-easterly crest of the central ridge at M5
- The coincidence of geochemistry and altered sediments suggests sediment hosted disseminated gold mineralisation may be present at M5

Current work includes organising a broad soil sampling program across the exposed basement zone, in order to delineate targets for further study



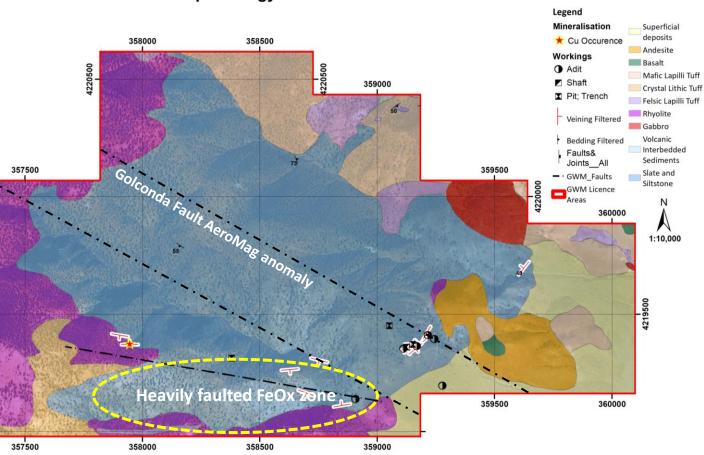


# **TUN Group – Gold target**

- A mapping and rock sampling programme undertaken in 2019 identified multiple >2km strike length quartz veins and numerous historic adits including one with >300m drive length.
- The veins are up to 2m thick and have returned assays including 9.84 g/t Au, 4.99 g/t Au and 1.21 % Cu.
- Vein orientations are NE-SW, NW-SE & E-W which correlate with the prospective structural and mineralogical setting of the Walker Lane Trend.

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Current work includes organising a broad soil sampling program across the FeOx zone, in order to delineate targets for further study

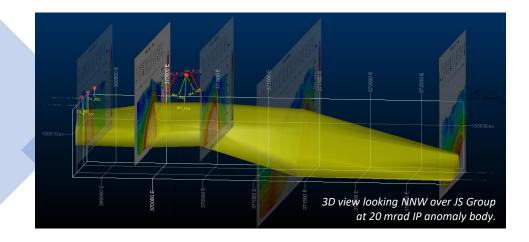


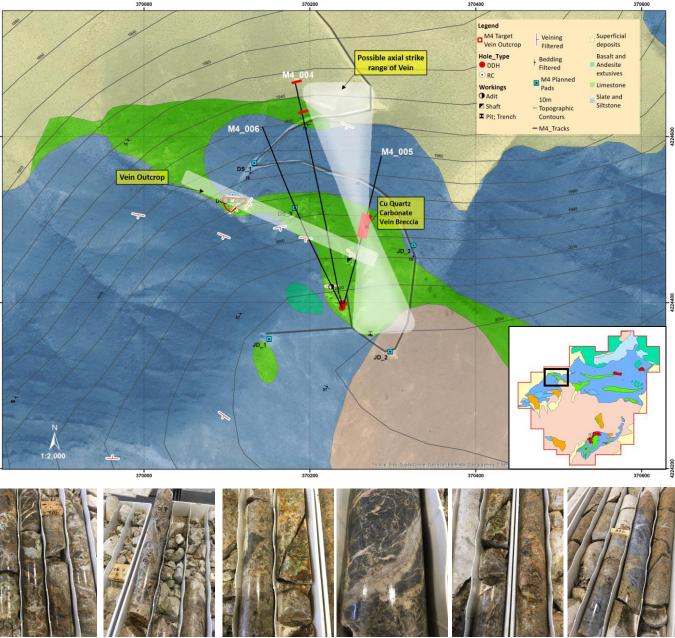
TUN Group Geology

# JS Group – M4 Copper Project



- 3 diamond holes drilled in 2018 to test beneath outcrops of cupriferous vein and silicic alteration.
- One hole, M4\_005, hit a large quartz-copper-carbonate breccia vein at 106.2m. The intercept comprised 43.0m
   @ 0.24% Cu, including 1.8m @ 0.74% Cu from 121m.
- The breccia vein, along with other veins mapped at surface, could be offshoot structures in the roof of a buried sulphide ore body.
- 6 further bore holes are permitted to test both the extent of the breccia veining and the >4km strike buried IP anomaly.



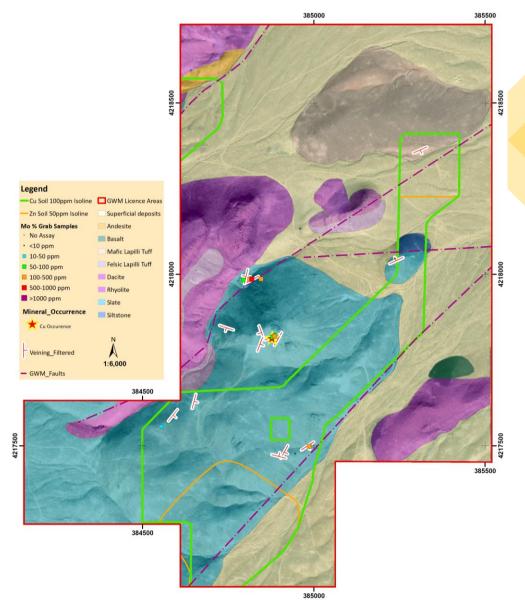




### EM Group – M8 Eastside Copper target

- A mapping and soil sampling programme completed in June 2019 successfully identified intersecting mineralised fault corridors from satellite imagery.
- 2 extensive NE trending graben structures host Cu enriched soil anomalies and Cu –quartz vein bearing fault breccias at surface.
- Historical works as well as work done by Great Western indicate the likelihood of Copper porphyry style orebodies at depth.

Immediate future plan is undertake an induced polarisation geophysical survey, with a view to identifying potential buried sulphide orebodies in the claim area

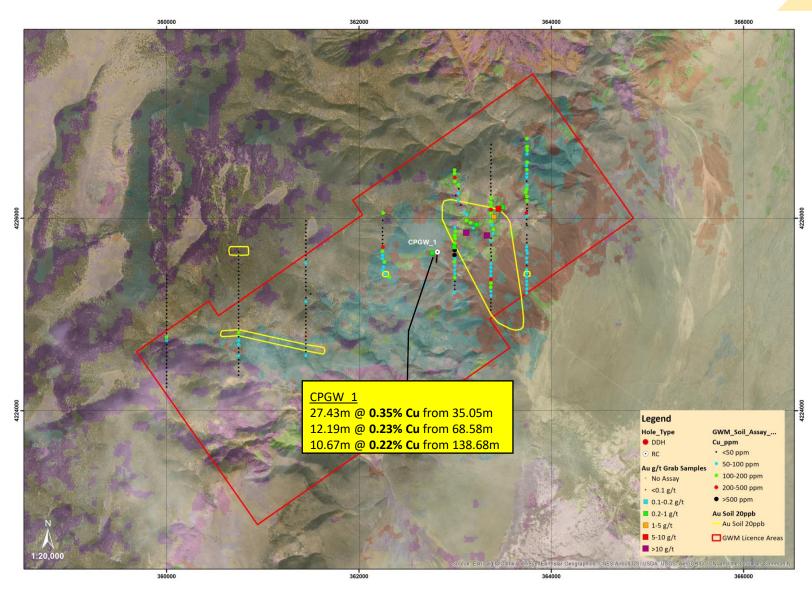




# Huntoon Group – M1 Gold-Copper target

- The former Huntoon mine, in the centre of the property, was previously exploited for gold
- Best surface sample assays of 14.10 g/t Au and 33.60 g/t Au near the former workings
- Single RC hole drilled in 2018, SW of the main gold zone
- The hole was designed to test a strong Cu anomaly detected in the soil sampling, assuming a dominant trend of NW-SE.
- Best result of 27.4m @ 0.35% Cu from 35.1m, including 7.6m @ 0.70% Cu from 36.6m.
- Grade-thicknesses, along with host lithologies, bear many similarities to the copper mineralisation seen at M2

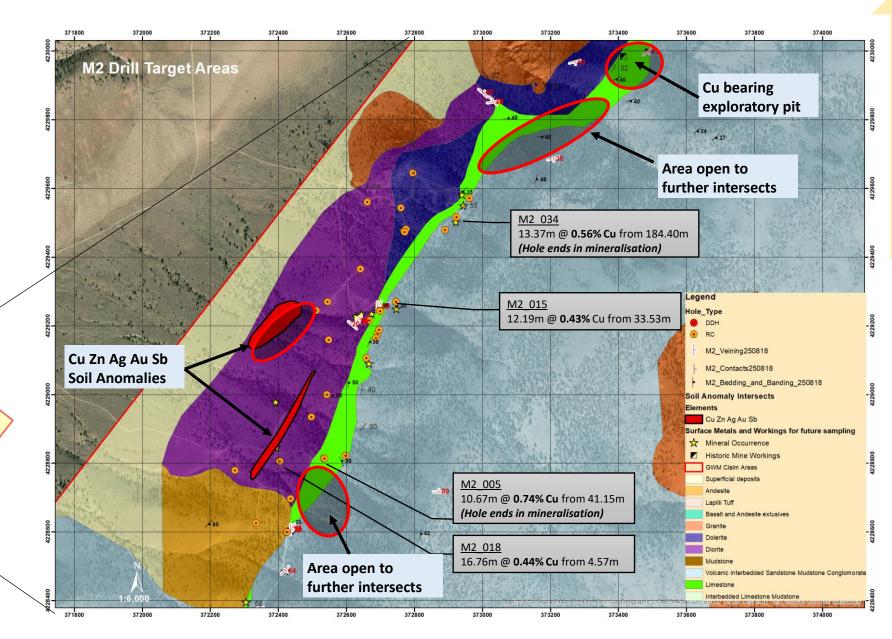
GWM plan to investigate processing the existing spoil heaps at Huntoon Mine for precious metals recovery



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# Black Mountains Group – M2 Copper Target

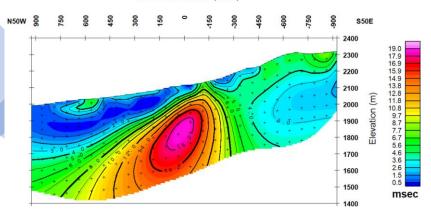
- Indicated and Inferred Mineral Resource, prepared in accordance with JORC (2012) guidelines.
- Current total Resource of 4.3Mt @ 0.45% Cu, for 19kt of Cu metal (at a 0.20% Cu cut-off).
- The M2 Copper project is open down dip towards the SE and along strike both NE and SW.

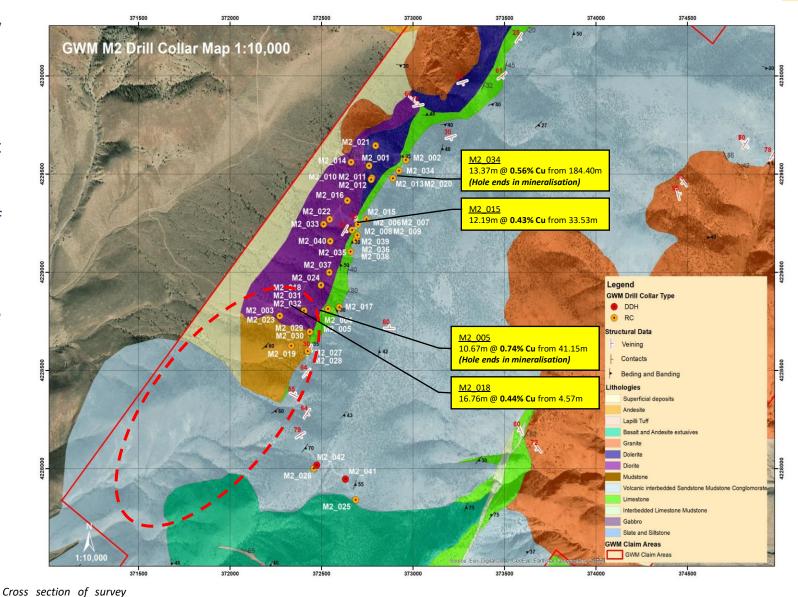


### Black Mountains Group – M2 Deep Copper Target



- Target is a deeply buried IP/resistivity anomaly within the diorite, down plunge from the current M2 oxide Cu Resource
- The target could potentially extend the current M2 resource a further 500m along strike. Target thickness could range from 10m to 100m
- The total target zone covers an area of approximately 2.5km<sup>2</sup>, which could host a deposit in the range of 15Mt to 200Mt
- Due to difficult ground conditions encountered the deep diorite target has not yet been reached.
- 2 drill holes are permitted to target the anomaly.

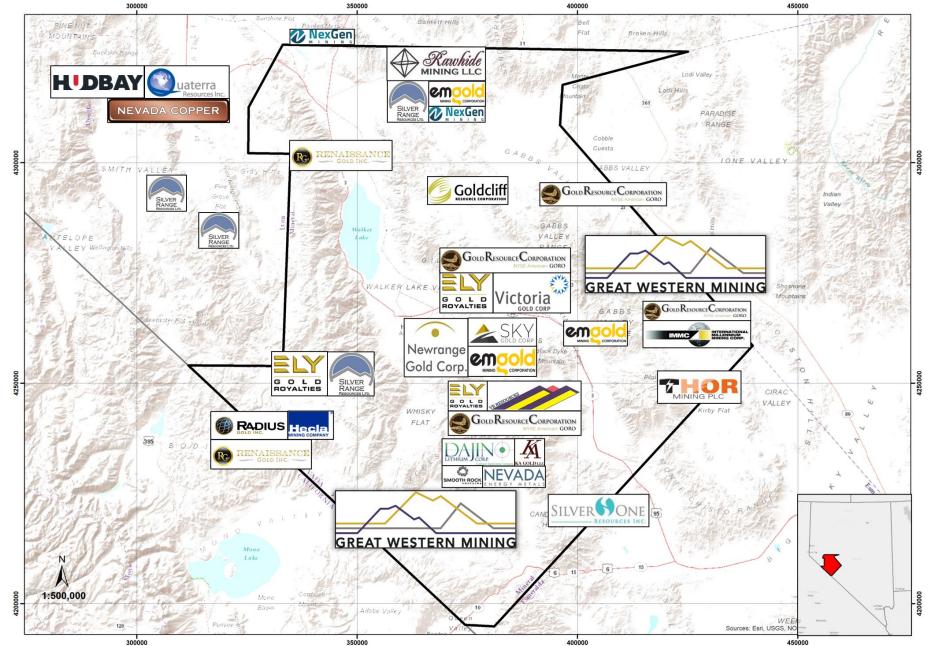




line M2-Line 1 displaying IP anomaly response

### Appendix 3 – Mining companies active in and around Mineral County





### Appendix 4 - Abbreviations



