



Update January 2019

# Disclaimer

THESE PRESENTATION MATERIALS WHICH HAVE BEEN PREPARED BY GREAT WESTERN MINING CORPORATION PLC (“THE COMPANY”) ARE FOR INFORMATION PURPOSES ONLY AND HAVE NOT BEEN APPROVED BY THE LONDON STOCK EXCHANGE, EURONEXT DUBLIN OR THE FINANCIAL CONDUCT AUTHORITY. THESE PRESENTATION MATERIALS DO NOT CONSTITUTE AN OFFER OR INVITATION TO SELL, ALLOT OR ISSUE, OR ANY SOLICITATION OF OR INDUCEMENT TO ENTER INTO ANY OFFER TO PURCHASE OR SUBSCRIBE FOR ANY SECURITIES, AND NEITHER THE PRESENTATION MATERIALS NOR ANYTHING CONTAINED THEREIN NOR THE FACT OF THEIR DISTRIBUTION SHALL FORM THE BASIS OF, OR BE RELIED UPON, IN CONNECTION WITH OR ACT AS ANY INDUCEMENT TO ENTER INTO ANY CONTRACT OR COMMITMENT WHATSOEVER WITH THE COMPANY.

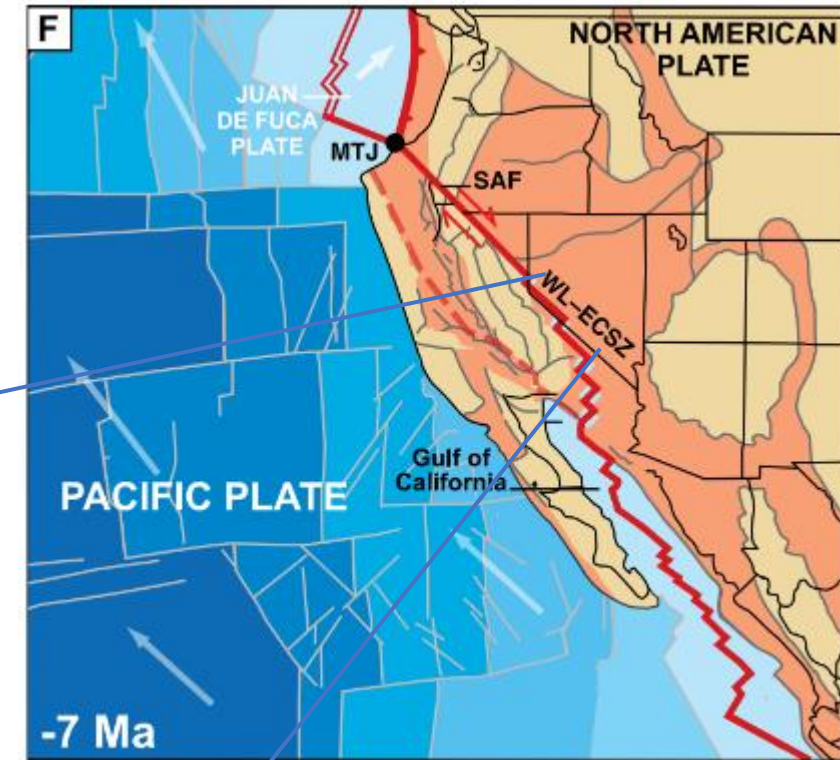


# Great Western – Copper and Gold play in Nevada



- Great Western has a large tract of acreage in the appropriately named Mineral County, Nevada
- Rugged, mountainous terrain means that there are still large areas that are under explored
- Mineral County is rich in gold, silver and copper. Great Western's six distinct concession areas offer the potential for exploiting (1) long-term, world-class copper deposits and (2) short term gold and silver deposits
- Great Western's licence areas are well positioned within the Walker Lane Trend – a complex zone of regional faulting within the larger east California shear zone
- The Walker Lane Trend contains numerous large mineral deposits, such as the Comstock Lode (Silver) and Yerington and Pumpkin Hollow (Copper)

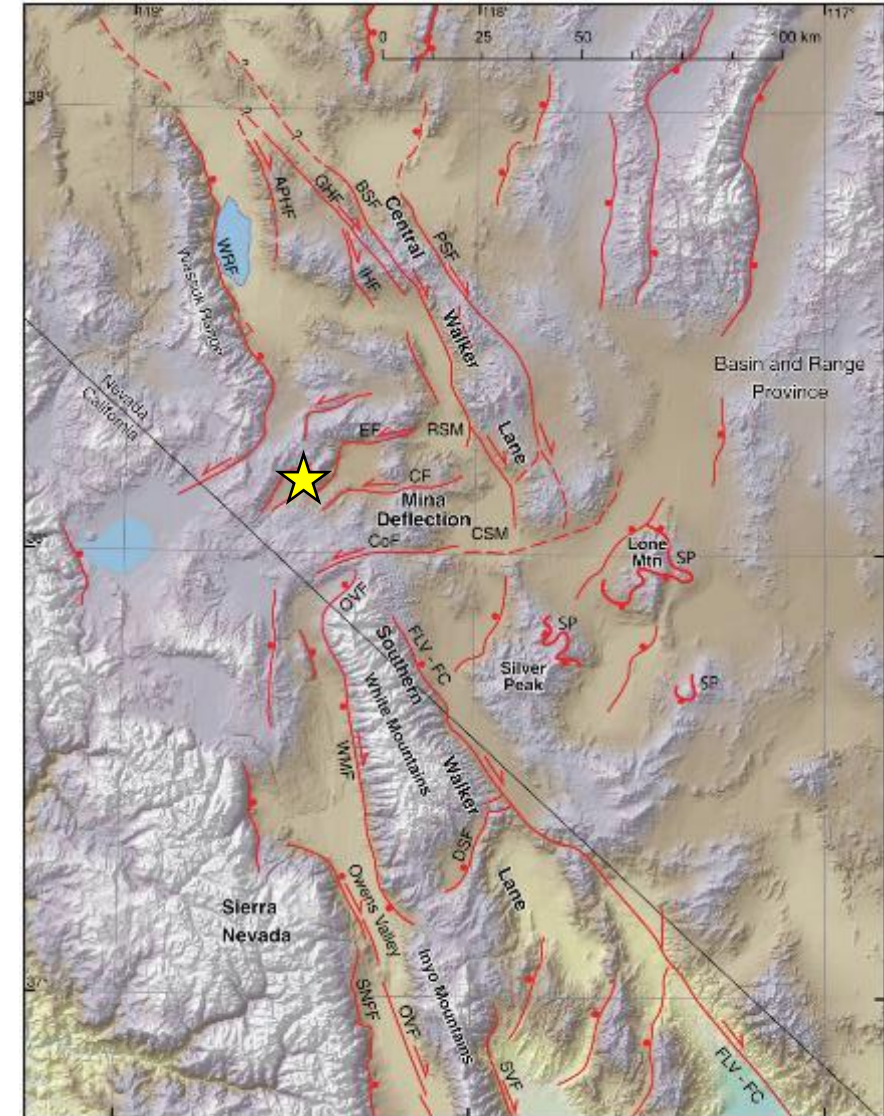
## Walker Lane Trend



# GWM Licence Areas – Location and Setting

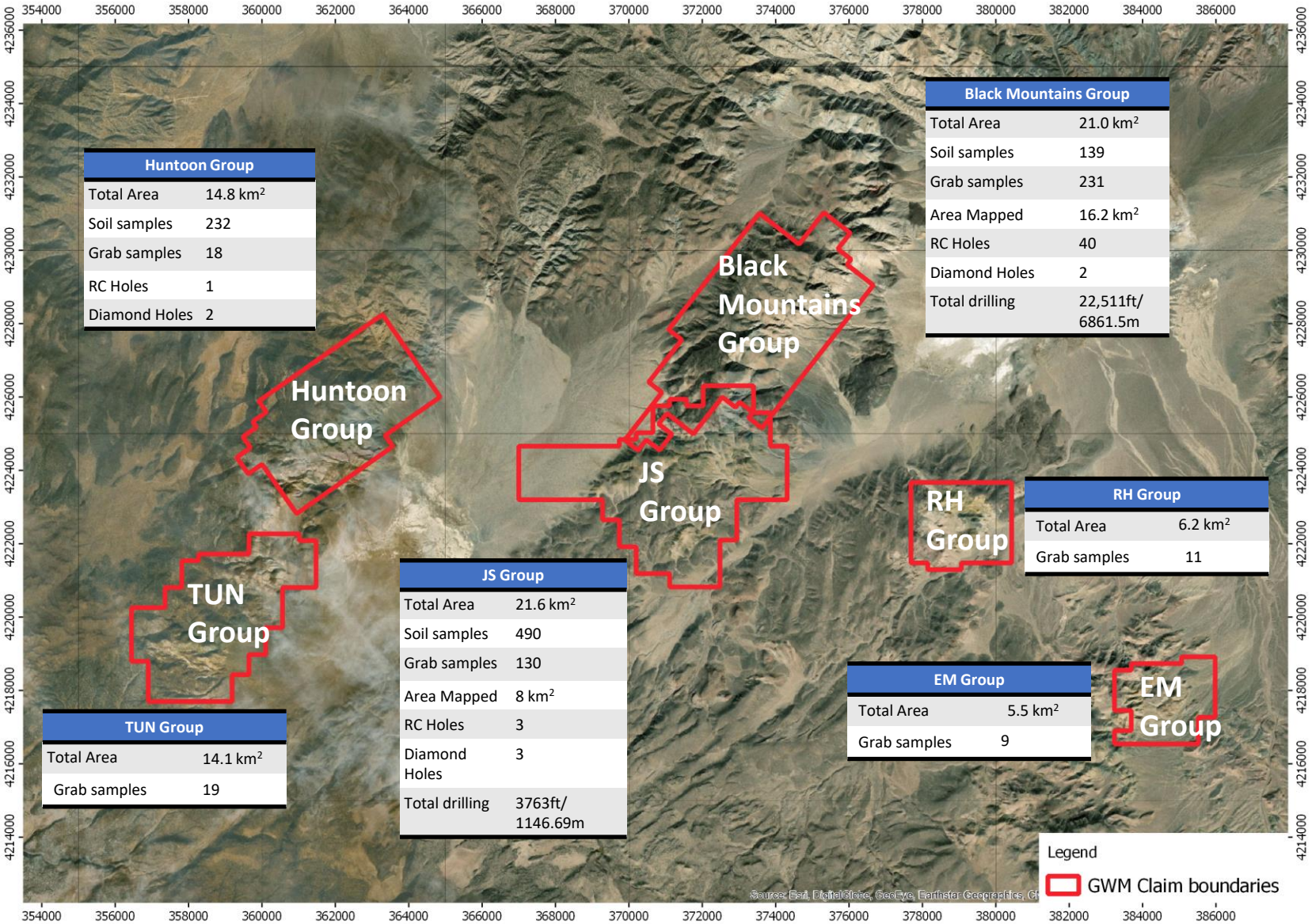


- GWM claims are located in the Central Walker Lane, in an area referred to as the Mina Deflection
- The Mina Deflection is a series of E-NE trending faults, generally sitting within a right step between the NW trending faults of the main Walker Lane trend.
- Locations where the two opposing fault trends meet are thought to be favourable for metal deposition and represent viable structural targets.
- Numerous locations within GWM claim areas have been identified as having this structural architecture.





# GWM Licence Areas and Operation Stats

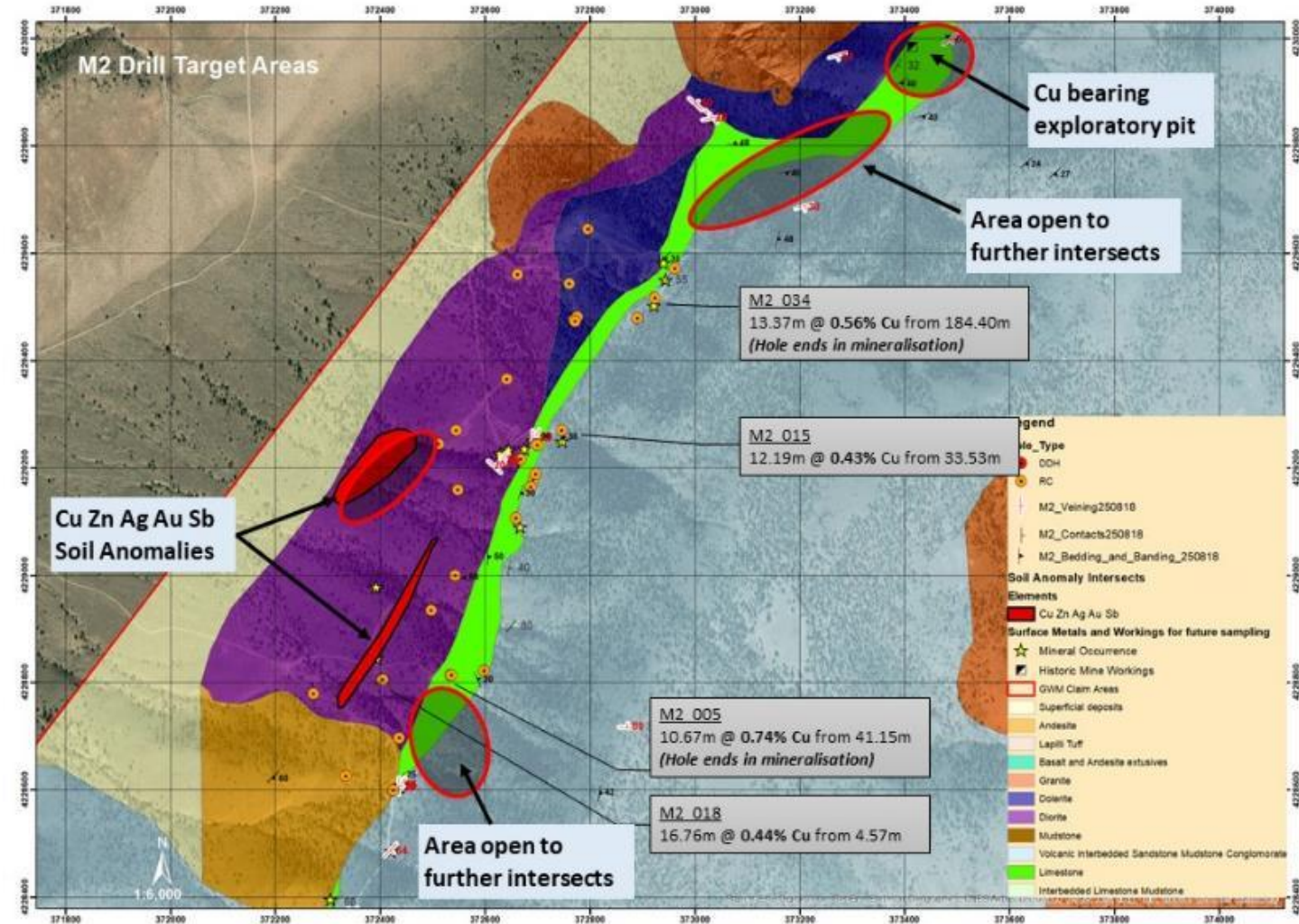
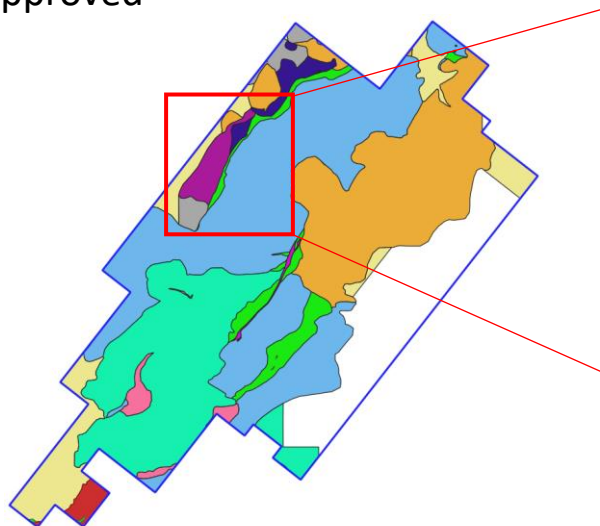




# Black Mountains Group – M2 Copper Project



- Indicated and Inferred Mineral Resource, prepared in accordance with JORC 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 also along strike both NE and SW.
- Work for 2019 will focus on identifying suitable areas for infill and extensional drilling, in order to increase the current resource base and increase confidence.
- Follow up drilling will take place once permitting has been approved

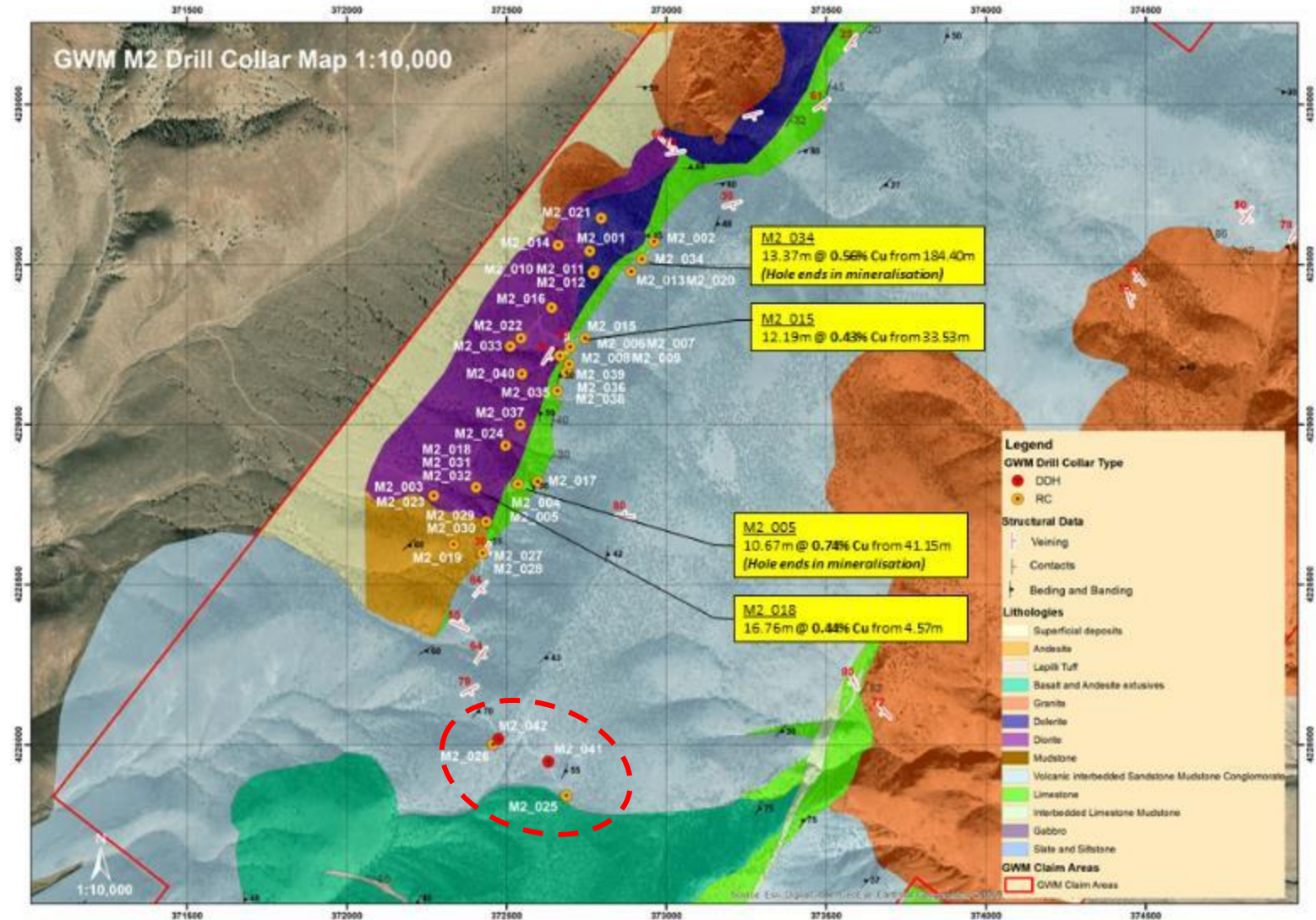




# Black Mountains Group – M2 Sharktooth



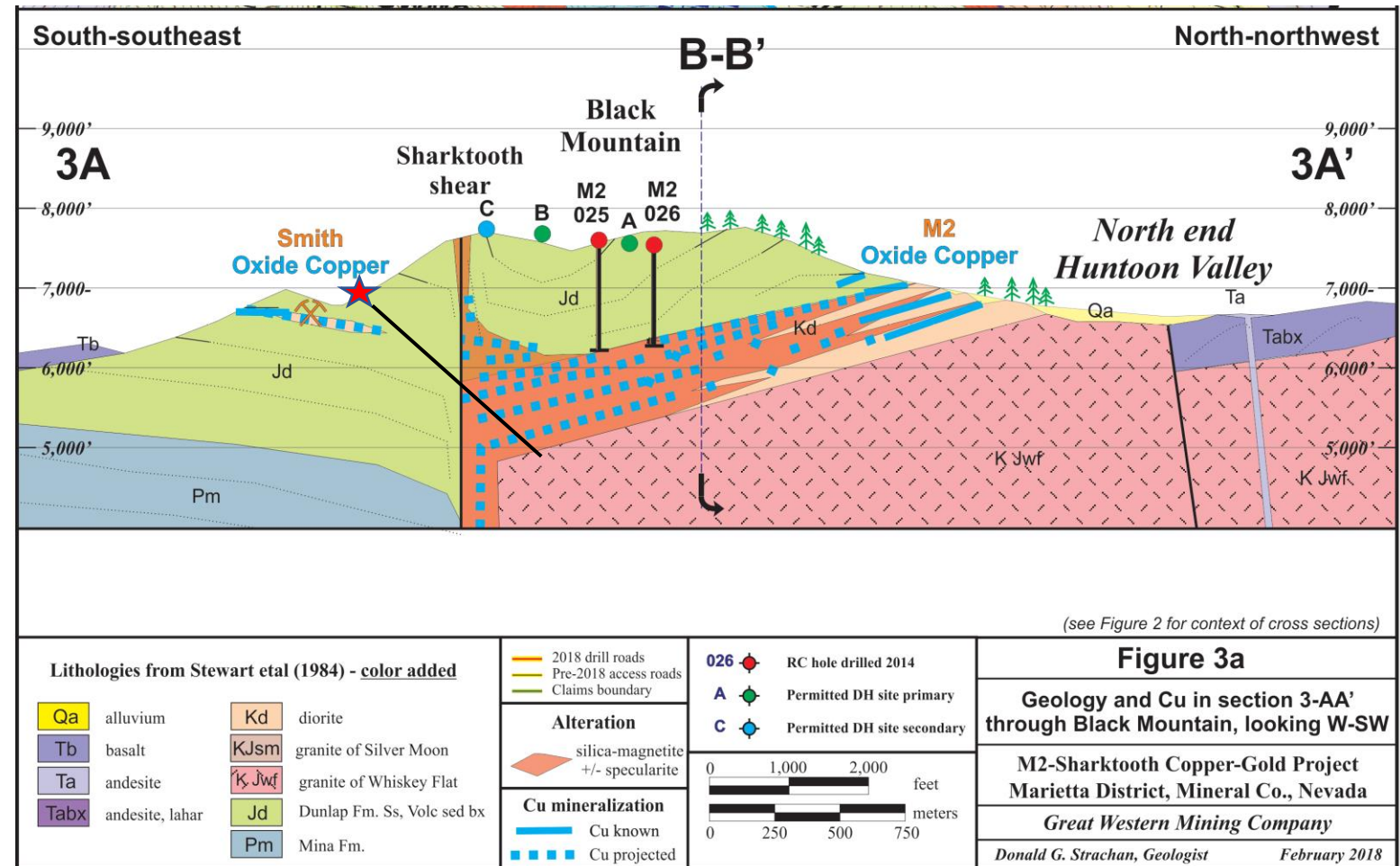
- Two diamond core holes were drilled in 2018, following earlier RC holes M2\_025 and M2\_026
- Target is a deeply buried zone within the diorite, beneath the Sharktooth peak, down dip from the current M2 oxide Cu Resource
- The target could potentially extend the current M2 Resource a further 500m along strike, and 500m down dip
- 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
- Best assay result of 1.68m @ 0.55% Cu from 486.5m, in hole M2\_041, within a magnetite rich breccia, indicates hydrothermal activity in the vicinity of the diorite stock
- Due to difficult ground conditions encountered in both core holes, through the breccia zone, the diorite target has not yet been reached



# Black Mountains Group – M2 Sharktooth



- Great Western will solve the drilling problems by reverting back to RC drilling
- The deep seated diorite can also be targeted from the existing Cu oxide zone encountered in the Smith area
- This is an untried procedure but should have the advantage of testing any potential continuation of the Cu mineralisation present in the Smith area, prior to breaking through the Sharktooth shear zone into the diorite target

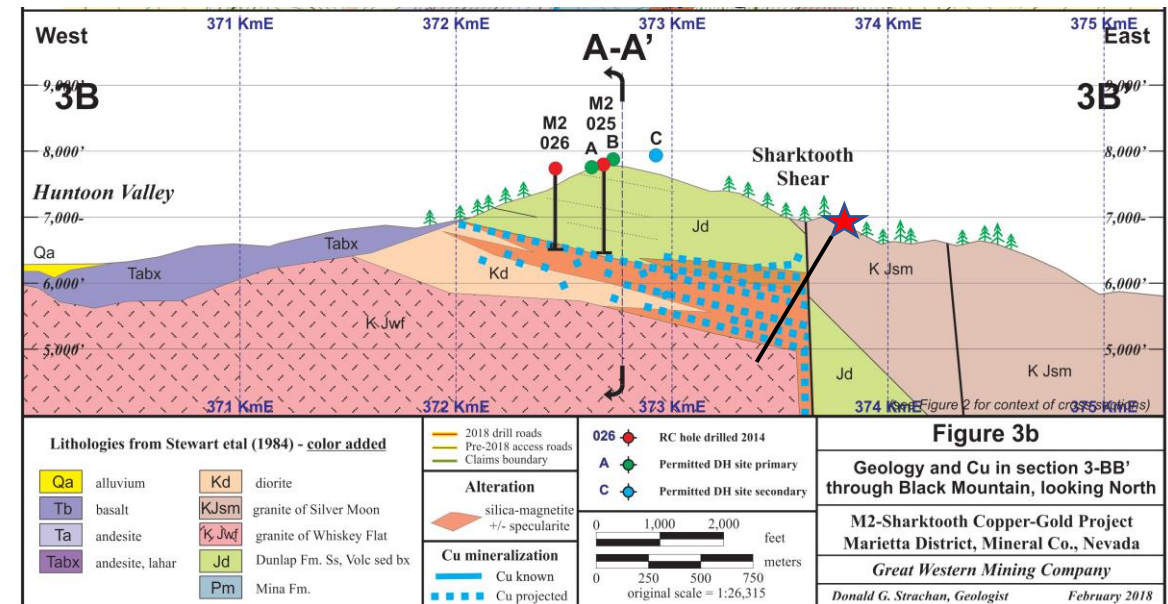
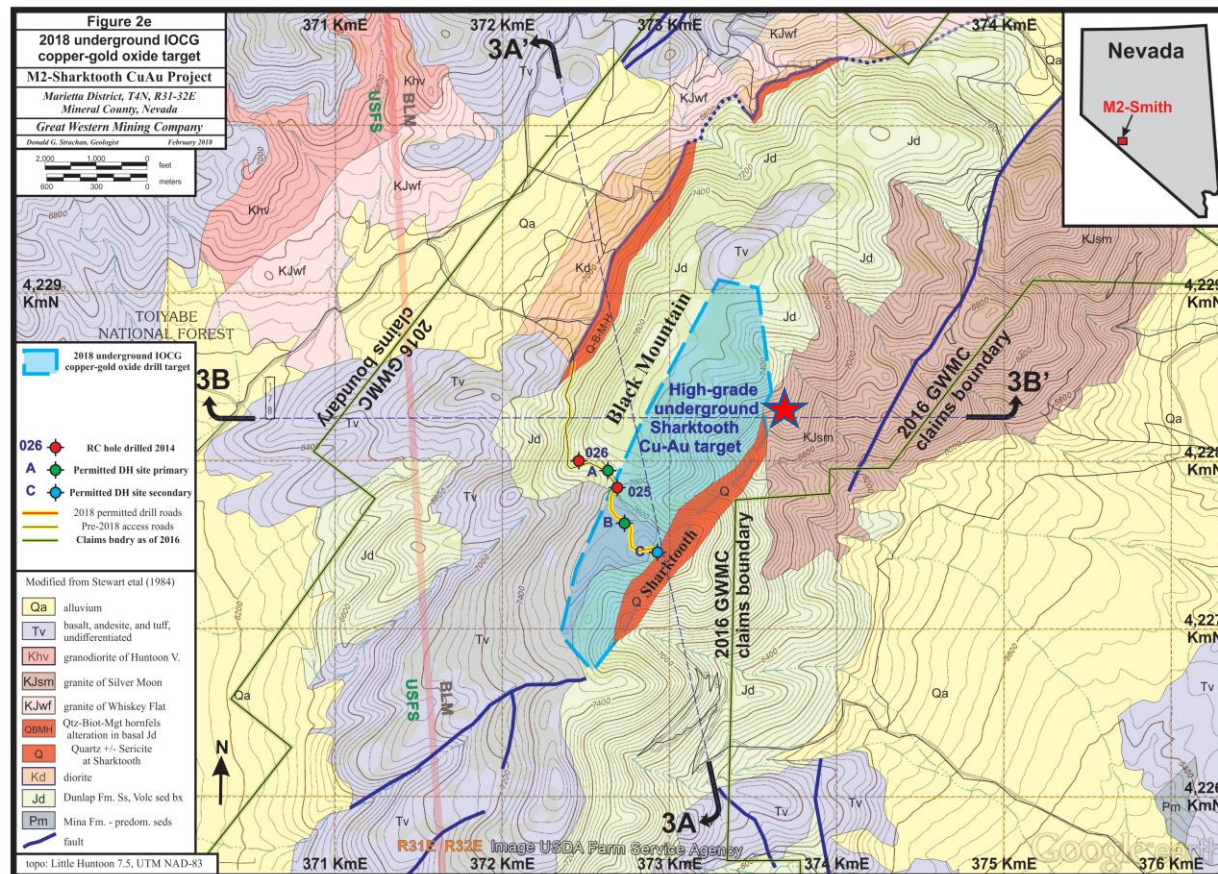




# Black Mountains Group – M2 Sharktooth



- A further option is to collar a hole in the east, within the Silver Bell granite, and drill westwards through the Sharktooth shear zone. The granite should provide much more favourable drill conditions compared to the Dunlap sediments
- Further work is planned for Spring 2019 to review all alternatives

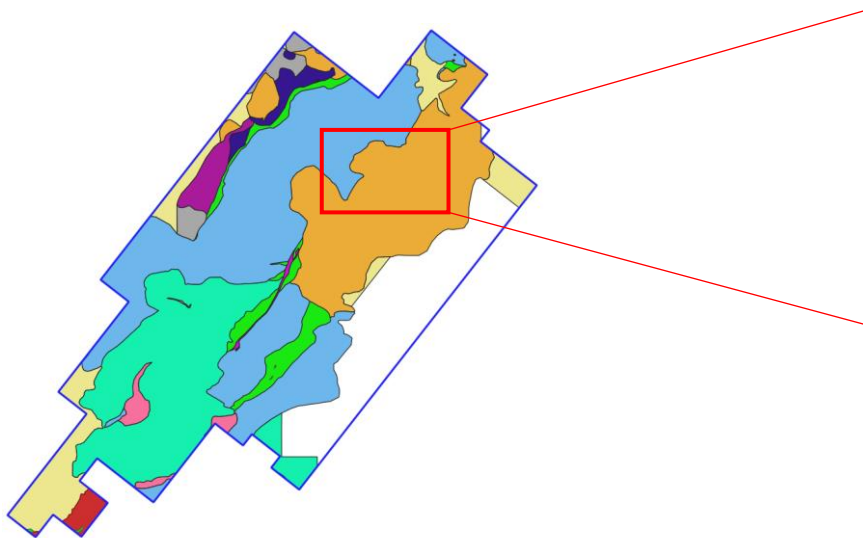




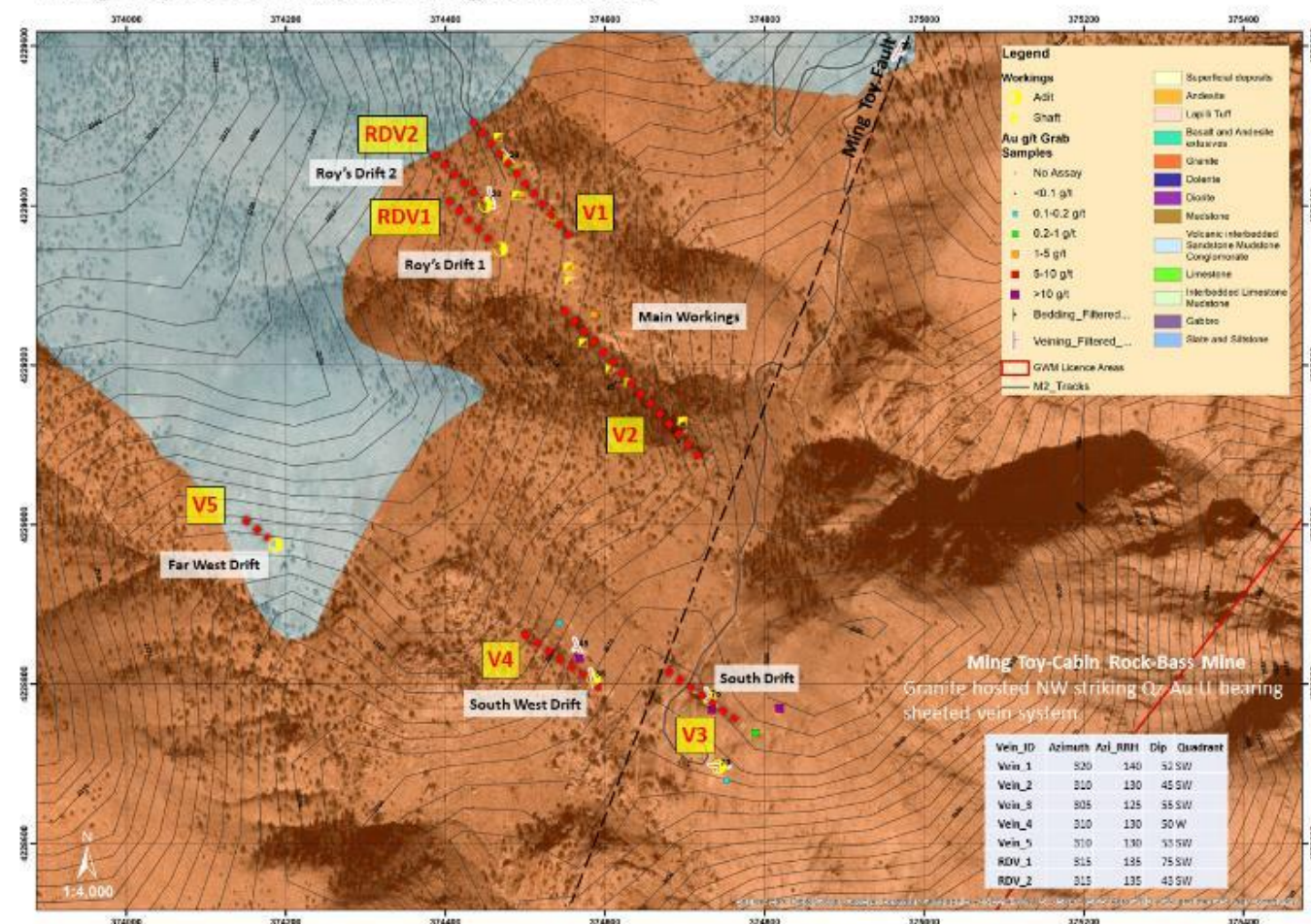
# Black Mountains Group – Bass Mine/Mineral Jackpot target



- Geological mapping indicates presence of mineralised sheeted quartz veins in host granite, prospective for narrow vein, high grade precious metals.
- Grab sampling of spoil dumps from former workings carried out in 2015 by Great Western yielded results of 5.6 g/t Au and 19.1 g/t Au
- Historic geological report points to at least 7 subparallel lodes, prospective for Au-Ag-U mineralization in both the quartz veining, and the surrounding altered vein selvage
- Historical production has left numerous residual shafts and adits covering an area of approximately 0.5km<sup>2</sup>
- Permitting process will commence Spring 2019 and percussion drilling will commence in late summer



Ming Toy-Bass Mine Workings and Veins

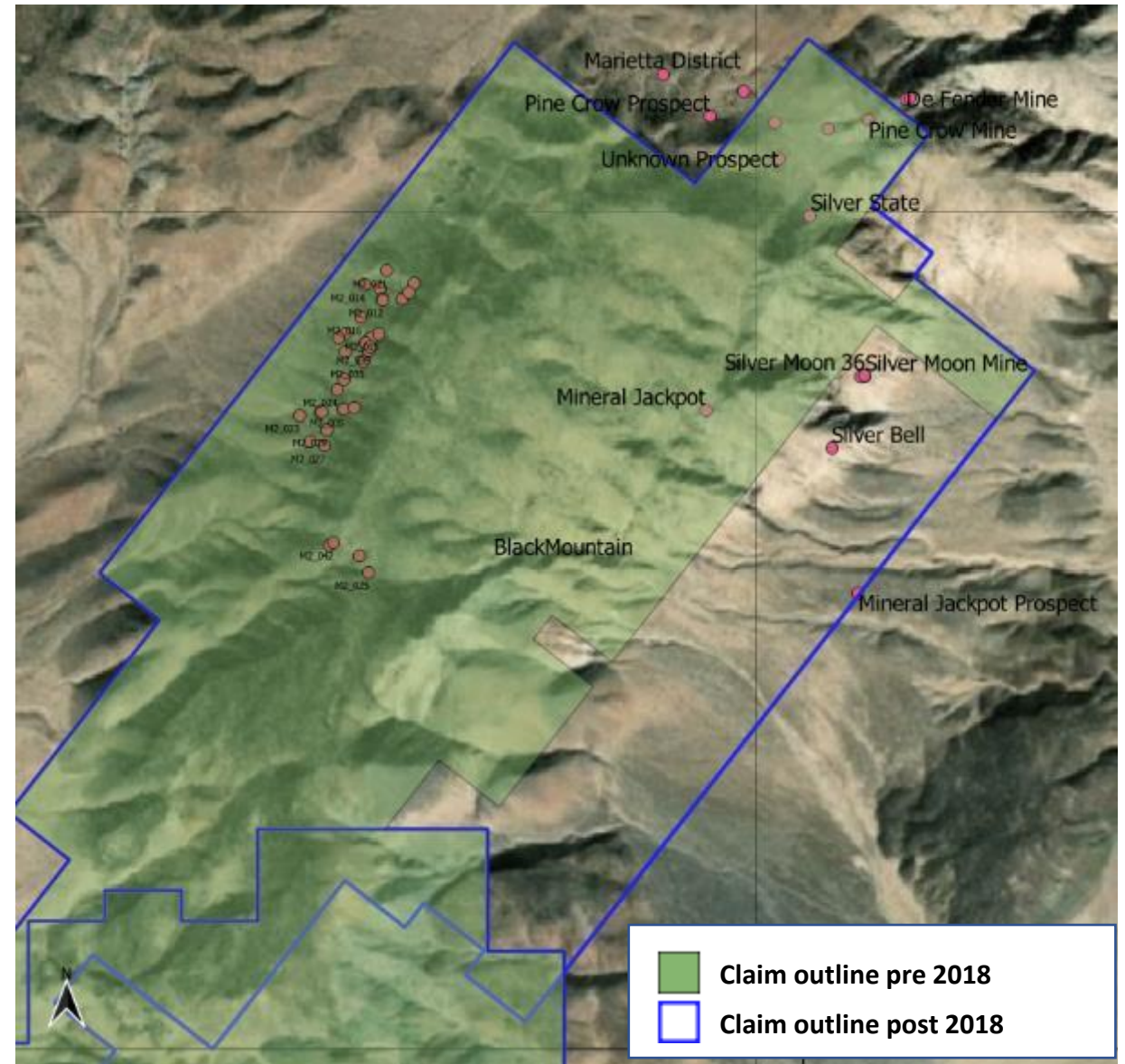




# Black Mountains Group – Silver Moon Prospect



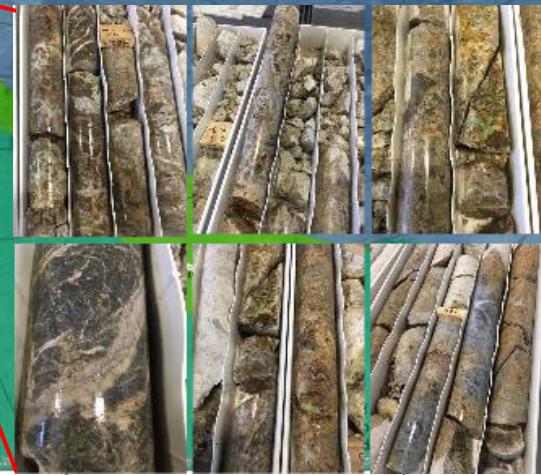
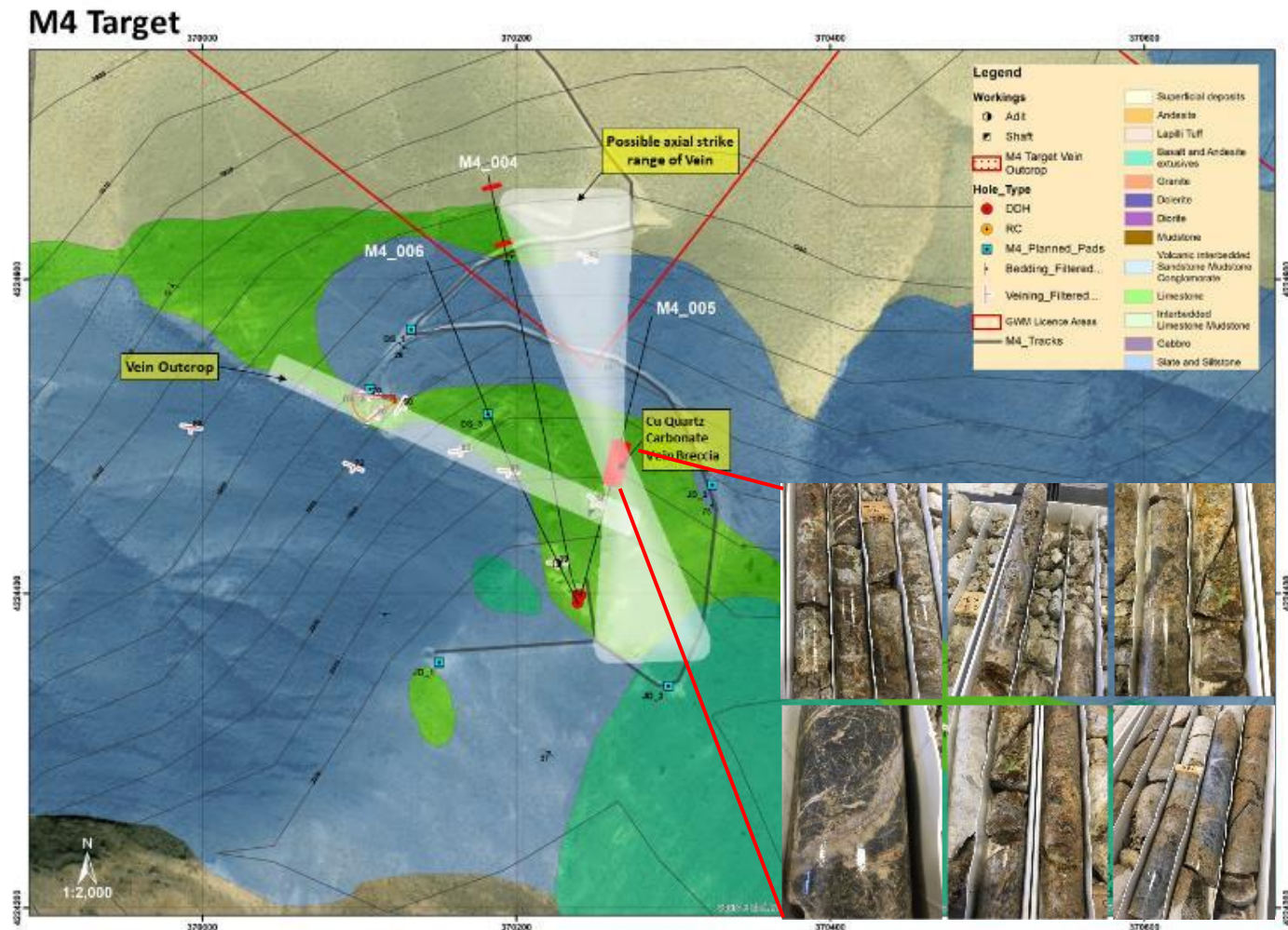
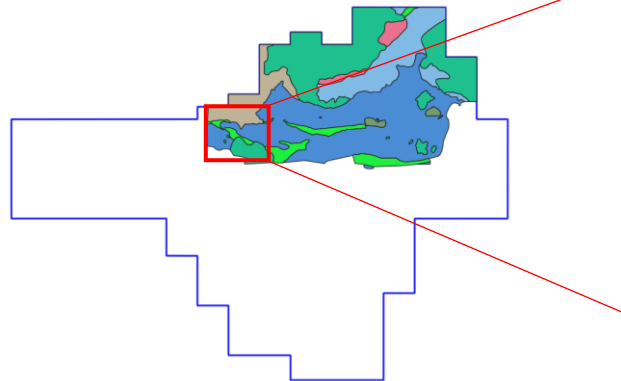
- 66 claims recently added to the Eastern side of the Black Mountains Group
- These claims cover the Silver Moon and Silver Bell prospects – historically worked for Au-Ag-U
- 2018 mapping in the area reveals presence of Dunlap sediments in the south, host of the M2 Cu Resource, and granites in the north, host of the Bass Mine/Mineral Jackpot Au-Ag deposits
- Further geological mapping and sampling planned for 2019 to in order to delineate potential drill targets



# JS Group – M4 target



- Cu target identified through geophysical surveys, soil sampling, and mapping of mineralised veins on surface.
- Three diamond holes drilled in 2018 to test beneath outcrops of cupriferous vein and silicic alteration.
- One hole, M4\_005, hit a large quartz-copper breccia vein at 106.2m. The intercept comprised 43.0m @ 0.24% Cu, including 1.8m @ 0.74% Cu from 121m.
- The breccia vein, with an assumed attitude of NNW-SSE, is open along strike, following the trend of the limestone-sediment contact
- Further mapping and drilling is planned for 2019.

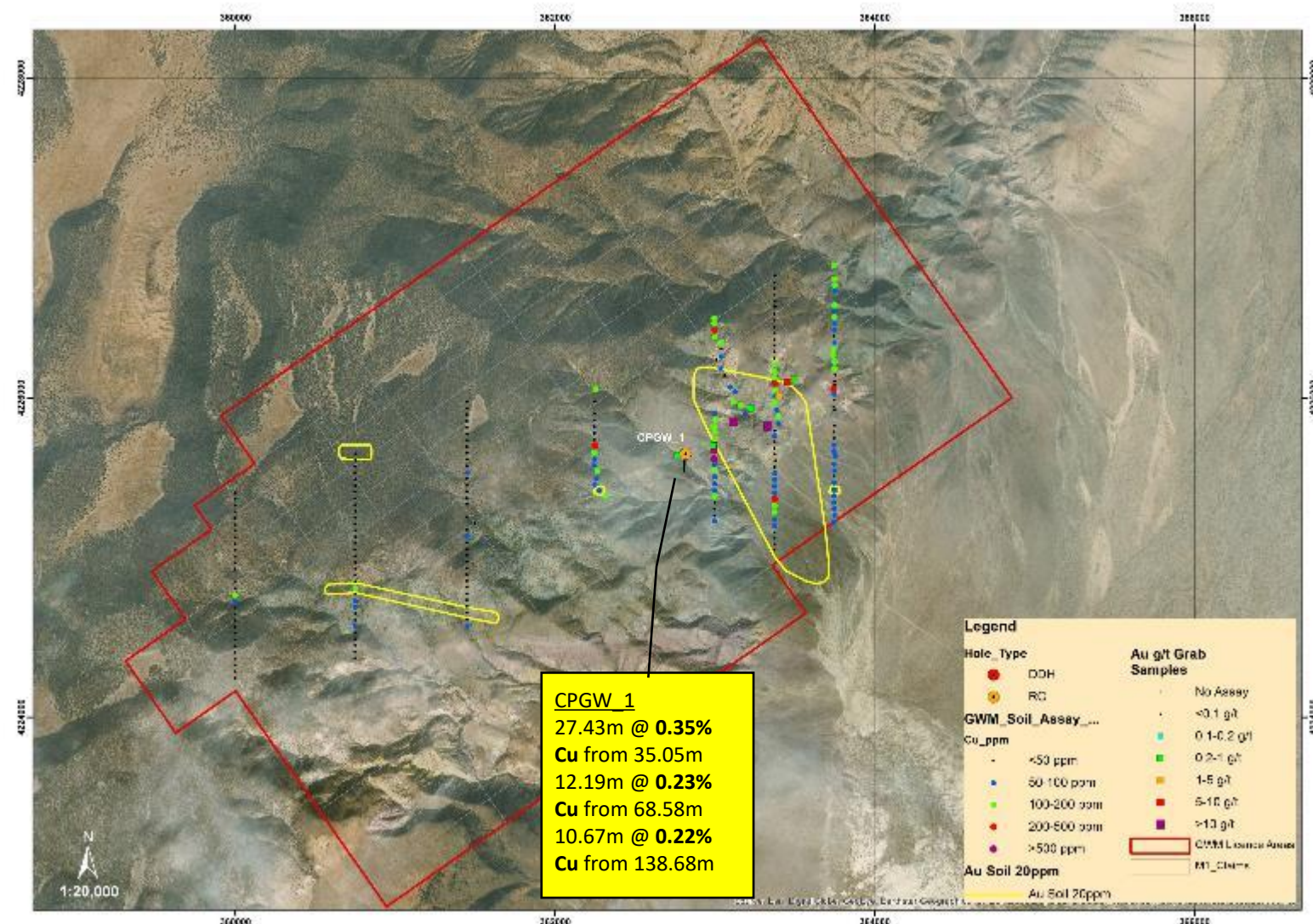




# Huntoon Group – M1 target



- Soil sampling indicates presence of both Cu and Au mineralisation
- Structures may be inferred to be trending NE-SW or NW-SE.
- Single RC hole drilled in June 2018 – CPGW\_1
- The RC hole was designed to test the 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 mineralisation seen at M2

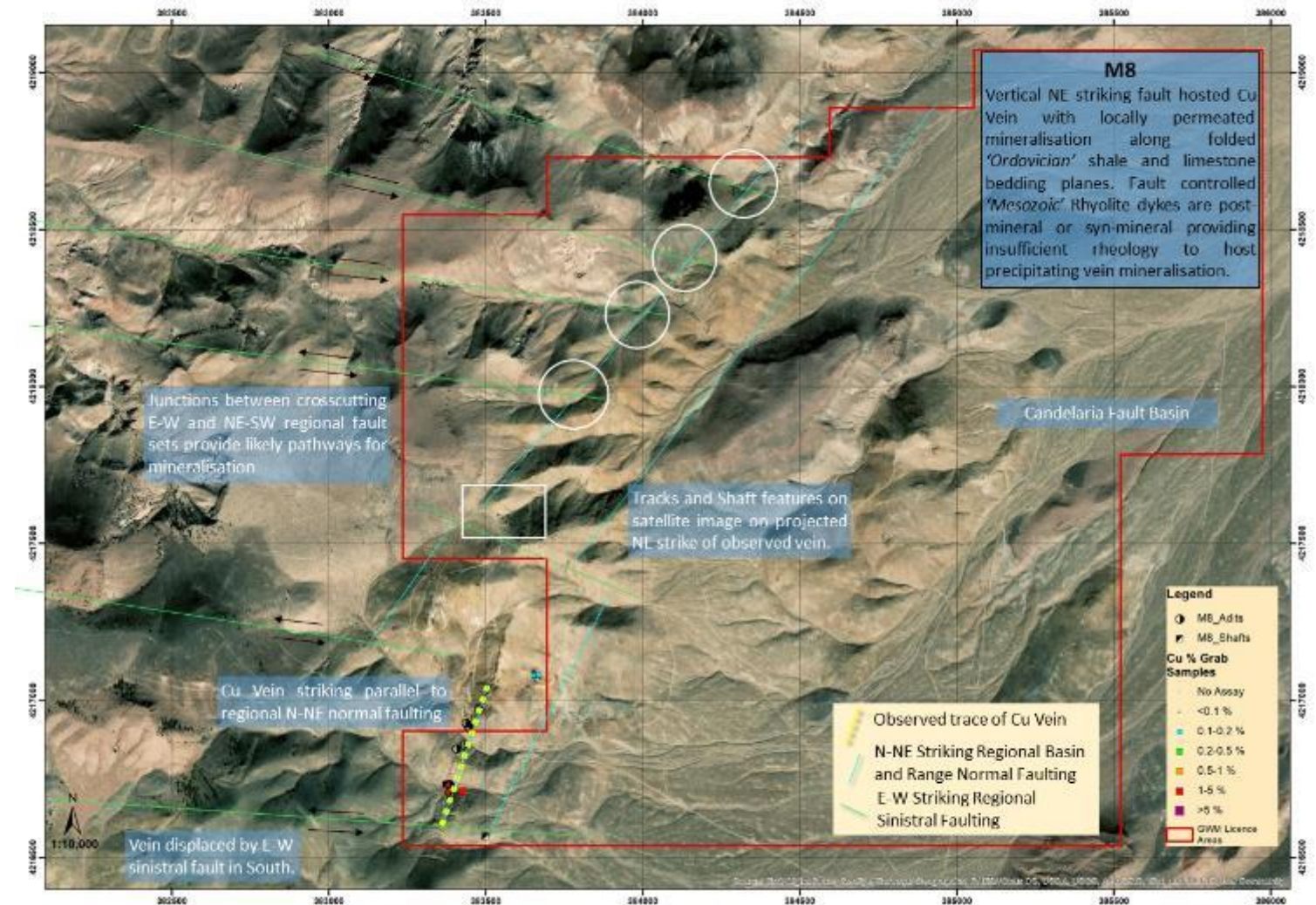




# EM Group – M8 Eastside target



- Historical NE trending mineral workings at the Eastside Mine indicate a substantial mineralisation event.
- The trend of the workings parallels regional scale normal faulting.
- Photo imagery indicates presence of crosscutting WNW-ESE strike slip faults
- Junctions between the opposing fault trends provide prospective traps for mineralisation
- Mapping and follow up soil sampling program planned for 2019, concentrating on likely mineralised fault corridors.





## Exploration Timetable 2019-2020

- **Spring 2019.** Prepare permitting document for M2 Bass Mine/Mineral Jackpot area. Reconnaissance survey to identify suitable locations for drill pads and access roads.
- **Summer 2019.** Drilling at M4, subject to final approval from US Forest Service. Geological mapping of BM Group new claim area, JS Group South, EM Group West. Reconnaissance surveys over TUN Group and RH Group. Soil sampling of key areas following mapping.
- **Autumn 2019.** Drilling at Bass Mine/Mineral Jackpot area and M2 Sharktooth, subject to permitting approval. Soil sampling program continuation.
- **Winter 2019.** Collation and review of 2019 field programs. Prepare a Plan of Operations ("POO") to submit to US Bureau of Land Management for permitting of M2 extensional and infill drilling.
- **Spring/Summer 2020.** POO approval and commencement of M2 infill and extension drilling. Prepare permitting documentation for targets borne out of 2019 field programs (BM, JS, EM, RH, TUN).

# GWM – The Investment Case



- The Company is 100% focused on exploiting its Nevada assets and is currently the only London market company offering exposure to this play
- The state of Nevada is one of the most mining friendly jurisdictions in the world. While tightly regulated and environmentally conscious, Nevada welcomes the mining industry. Great Western takes care to ensure that its licences are maintained in good standing and all regulations observed
- Through extensive drilling over a five year period GWM has established a Mineral Resource of 4.3 million tonnes of 0.45% copper, for 19kT of Copper metal, on first target area M2 , independently reported in accordance with JORC guidelines
- The Company operates its own assets, which it owns 100%, and in 2018 the operating team was boosted by the addition of a highly experienced Chief Geologist, complementing the work of the Operations Director and Senior Field Geologist. Great Western also uses locally based consultants in Nevada
- An extensive exploration programme in 2019-2020 offers the potential for significant progress together with regular news flow on multiple targets





[www.greatwesternmining.com](http://www.greatwesternmining.com)