

("Great Western Mining", "GWM" or the "Company")

EM Group Update

Having now received the XRF soil results from ALS Geochemistry's laboratory in Reno and the ICP-AES grab samples from Bureau Veritas Inspectorate's laboratory in Reno, Great Western Mining (AIM: GWMO; Euronext Growth: 8GW) now provides the following update on the EM Group ("M8") fieldwork conducted in June 2019.

Analysis of the soil samples has identified two strong trends of copper anomalism, centred along the two fault corridors previously recognised during the geological mapping exercise, Figure 1. below. The copper anomalies are most pronounced atop pre-tertiary basement lithologies (slates and siltstones), which are postulated to be horst blocks, within a NE-SW basin and range type setting.

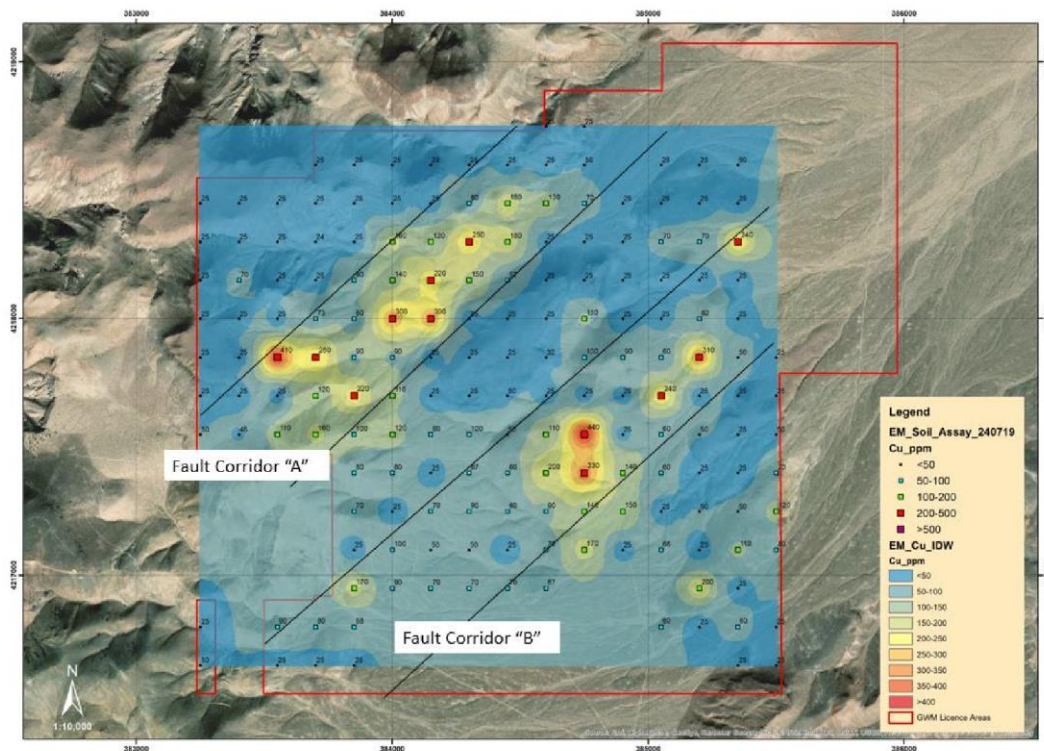


Figure 1 Soil sample heatmap, showing copper trends coincident with the two major fault corridors identified during geological mapping.

Grab samples were also taken during the mapping phase with encouraging results, including 0.39% Cu, Table 1, in the vicinity of the northern fault corridor, along with anomalous molybdenum and zinc readings. Zinc appears to ring the copper anomalies and was seen in both the grab samples and the soil samples, suggesting a metal zonation around the target area. Elevated molybdenum, a common associated metal in porphyry copper systems, is coincident with elevated copper in the northern half of the lower fault block.

Table 1 Results for copper, molybdenum, and zinc, from the 34 grab samples conducted at EM Group, June 2019. Anomalous results >0.1% (>1000ppm) shown in bold.

Sample Easting (NAD83 metre)	Sample Northing (NAD83 metre)	Cu (ppm)	Mo (ppm)	Zn (ppm)
384,987	4,217,498	70	130	50
384,946	4,217,476	50	10	50
385,237	4,218,045	150	5	50
384,960	4,218,133	5	5	50
384,819	4,217,986	580	940	50
384,813	4,217,985	610	150	50
384,846	4,217,986	270	150	50
384,794	4,217,983	30	70	50
384,130	4,218,370	3960	5	100
384,274	4,218,425	5	5	50
384,301	4,218,442	10	5	50
384,397	4,218,458	10	5	50
384,305	4,218,562	5	5	50
383,930	4,217,673	210	50	200
384,555	4,217,556	5	20	50
384,879	4,217,816	330	80	50
384,887	4,217,822	70	80	50
383,933	4,217,674	120	140	100
384,874	4,217,815	170	5	50
384,885	4,217,819	150	150	50
383,842	4,216,933	100	5	1100
383,944	4,216,944	100	5	1300
383,503	4,217,857	10	5	50
383,464	4,217,958	220	5	100
383,790	4,217,904	120	10	50
383,865	4,217,906	30	5	50
383,868	4,217,876	30	40	50
383,874	4,217,866	60	30	50
383,846	4,217,799	5	5	50
383,866	4,217,936	20	90	50
383,898	4,218,014	20	10	50
384,055	4,218,168	30	5	50
384,190	4,218,142	40	40	50
384,180	4,218,115	60	30	50

GWM is encouraged by the results of both the initial soil sampling programme and the grab sampling programme. The next phase of exploration work at M8 will be an infill soil programme centred on and around the two fault blocks, which will better define the trends seen in the current broad spaced pattern. Following this programme, an Induced Polarisation and Resistivity survey (“IP survey”) will be conducted on top of and along strike of the main copper trends, the objective being to identify sulphide targets which may be blind to surface mapping and geochemical sampling techniques.

Chief Executive David Fraser commented: *“The results of the soil and grab sample programme at M8 confirm GWM’s initial assessment suggesting a potential buried copper porphyry. The Company will now quickly move forward with a more targeted soil programme and IP survey to identify targets for drilling. As always we will keep shareholders updated as work continues.”*

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 a Fellow of the Geological Society of London (FGS) 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.

This announcement contains inside information as stipulated under the Market Abuse Regulations (EU) no. 596/2014 ("MAR").

Note: ppm = parts per million

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