

**ASX RELEASE** 

**ASX:GMN** 

22 January 2020

## Quarterly Activities Report For the Quarter Ended 31<sup>st</sup> December 2019

Gold Mountain Limited, (ASX: GMN) advises its activities during the October to December 2019 Quarter.

- Commencement of the Monoyal Creek drilling programme on the 14<sup>th</sup> October 2019
- Completion of 2 diamond holes for a total of 950m
- Additional soil sampling and rock chip sampling completed at Mongae to close off the +400ppm Cu in soils anomaly

## MONOYAL CREEK- DRILLING

GMN commenced drilling at the company's Monoyal Prospect on the 14<sup>th</sup> of October, with two diamond drill holes (MCD003 and MCD004) completed at the prospect prior to the Christmas and New Year Break.

The Monoyal Prospect is located approximately 1 km NW of Mongae Creek where 2 diamond holes (MCD001 and 002) were drilled by GMN in 2018<sup>1</sup>.

MCD003 and MCD004 were the first holes drilled at the Monoyal Prospect and are part of an initial nine-hole diamond drilling programme which has been designed to test highly anomalous copper geochemistry identified in a grid-based soil sampling programme, Figure 1, which was further confirmed by trench sampling<sup>2</sup>.

<sup>&</sup>lt;sup>1</sup> First reported in ASX Announcement of 30th November 2018: 'Significant Copper Drill Intercept MCD002 Mongae Creek'. Competent Person: Mr Douglas Smith

<sup>&</sup>lt;sup>2</sup> First reported in ASX Announcement of 8th July 2019: 'Trench Results at Mongae Provide Strong Case to Drill High-Quality Porphyry Targets' Competent Person: Mr Douglas Smith

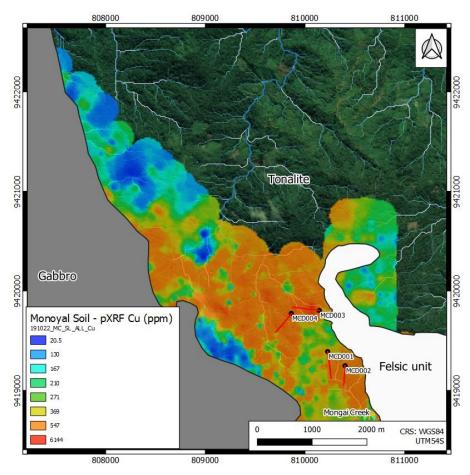


Figure 1. Monoyal – Mongae Drill Hole Locations

MCD003 was completed to a depth of 500m, and MCD004 to a depth of 450m, drill hole parameters are listed in Table 1. The holes were planned utilising data from structural interpretation of airborne magnetic surveys, topographic analysis, ground geological mapping, and principal component analysis of soil geochemistry.

Table 1. Mongae-Monoyal drill hole parameters

Hole ID	Planned ID	х	у	Z	Max Depth	Azimuth	Dip
MCD003	Plan_01	810141.5	9419803.0	1736.7	500.5	247	-70
MCD004	Plan_02	809861.0	9419773.0	1654.0	450	220	-60

MCD003 intersected an interval (64.40–500.50m) of strongly fractured tonalite, with sulphide mineralisation (predominantly pyrite with trace chalcopyrite) occurring on fracture surfaces, in microveinlets and sometimes weakly disseminated in the tonalite<sup>3</sup>. Fracture fill and veinlets were generally between 1–3 mm in width, sometimes up to 1 cm, and average at around 10 fractures and veins per

<sup>&</sup>lt;sup>3</sup> First reported in ASX Announcement of 21st November 2019: 'Monoyal Drilling Update". Competent Person: Mr Patrick Smith



metre. Chalcopyrite, molybdenite and minor bornite were observed on many of the fractures (Figure 2)<sup>4</sup>.



**Figure 2.** Fracture-controlled sulphide-mineralisation on fracture surfaces in MCD003. From left to right; 30% precipitated sulphides at 271.20m depth, 45% sulphides at 243.20m depth and 55% finely disseminated sulphides at 399.80m depth.

Drilling started on MCD004 on the 12<sup>th</sup> of November and was completed on the 28<sup>th</sup> of November, Figure 3. MCD004 was completed to a depth of 450m with the hole intersecting similar lithologies and mineralisation styles to that seen in MCD003<sup>5</sup>.



Figure 3. Drill Rig set up on MCD004

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<sup>&</sup>lt;sup>4</sup> Average concentrations of sulphide minerals per metre are difficult to estimate but expected to be in the order of less than 1% on average. In compliance with the JORC Code (2012), GMN cautions investors and notes that visual estimates of sulphide mineral abundance should not be considered a proxy or substitute for laboratory analyses

<sup>&</sup>lt;sup>5</sup> First reported in ASX Announcement of 21st November 2019: 'Monoyal Drilling Update". Competent Person: Mr Patrick Smith



All the samples from MCD003 and MCD004 are currently at ALS in Townsville. It is expected that all the results from MCD003 and MCD004 will be received by the end of January or mid-February. There has been a delay in receiving results from ALS due to a large backlog of samples at the laboratory.

GMN also completed a soil programme at Mongae Creek to close off the +400ppm Cu in soil anomaly at Mongae in this quarter<sup>6</sup>, results of which are presented in Figure 4. Results indicate that there is possibly a new Cu anomaly at the northern end of the grid where mineralised rock chip samples have been collected from Lombokai Creek, assays for these samples are pending.

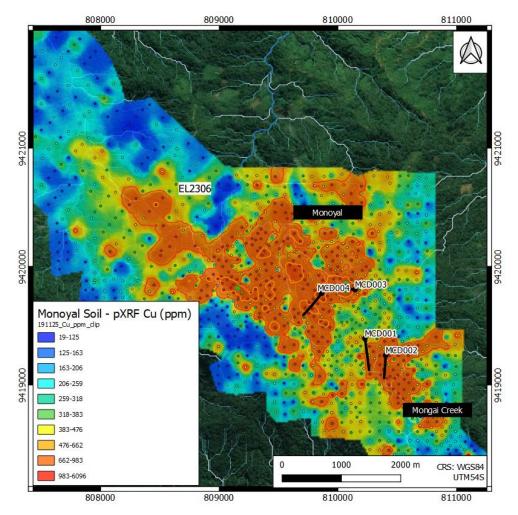


Figure 4. Mongae - Monoyal Cu in soil grid

GMN is actively pursuing a regional exploration campaign along the highly prospective NW-SW structural corridor, extending from Mongae Creek northwest to the Mt Wipi area (which is subject to an Exploration License Application). This work will continue in the March and June quarters.

<sup>&</sup>lt;sup>6</sup> First reported in ASX Announcement of 28th November 2019: '2019 AGM Presentation". Competent Person: Mr Patrick Smith



## REPORTING IN COMPLIANCE WITH ASX LISTING RULES AND IN ACCORDANCE WITH THE JORC CODE (2012)

The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified.

Where the Company has re-issued information in this quarterly report that has previously been issued with the written consent of the Competent Person, it has made reference to the original report name, the name of the Competent Person responsible for the original report, and the date and reference of the location of the original source public report for public access.

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