

Completion of Fieldwork for Initial Exploration Program at Catalyst Ridge REE - Antimony Project

Great Northern Minerals Ltd (ASX:GNM) (GNM or the Company) is pleased to announce that it has completed the fieldwork for its initial exploration program at its Catalyst Ridge Project (the Project). The Company expects to receive results from the sampling program in approximately two weeks.

HIGHLIGHTS:

- Fieldwork for the comprehensive sampling and mapping program has been successfully completed at the Catalyst Ridge Project, led by GNM's USA-based geological experts, Greg Schifrin and senior geologist Robert Kell.
- The work completed focused on rock chip and stream sediment samples from the three target areas and included reconnaissance mapping led by handheld X-ray fluorescence (XRF) readings.
- A total 119 samples were taken during the fieldwork, the samples have been sent to American Analytical Services in Idaho, with assay results expected by mid-November.

Non-Executive Chairman, Eddie King, commented: *"I'm pleased to confirm that we have now completed the initial fieldwork at Catalyst Ridge, a key milestone in advancing the project. This initial campaign followed promising desktop indicators and focused on validating surface mineralisation. The results will guide our next phase of exploration as we work to unlock the Project's Rare Earths and Antimony potential."*



Figure 1: GNM field team on site during field work program.



Figure 2: Looking east from target area three with the Solar PV farm in the distance.



Figure 3: GNM team collecting rock chip samples.

For personal use only

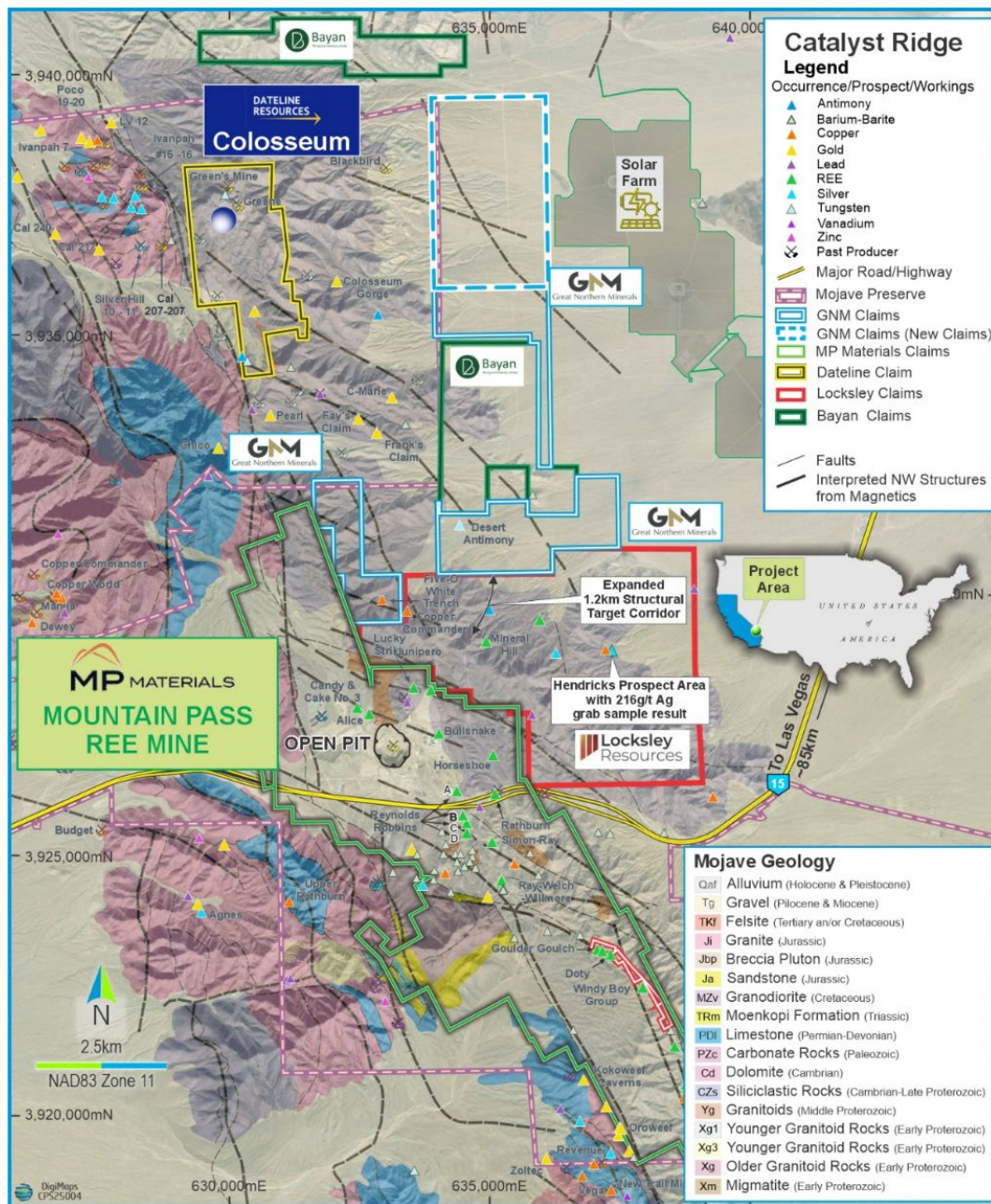


Figure 4: Interpreted bedrock geology map from the US Geological Survey¹ showing the location of the GMM claims in relation to the Mountains Pass REE deposit, associated nearby mineral occurrences and other companies operating in the area.

Next Steps

Results are expected in approximately two weeks. Upon receipt of results, GMM will undertake a detailed analysis of the geochemical data to define priority exploration targets. Subject to assay outcomes, the Company will advance to the next phase of exploration, which will include detailed geological mapping, further targeted surface sampling, followed by focused drilling to further assess the mineralisation potential.

References

¹Denton., K. Geophysical characterization of a Proterozoic REE terrane at Mountain Pass, eastern Mojave Desert, California, USA. USGS.

Forward Looking and Cautionary Statements

Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward looking statements may be affected by a range of variables that could cause actual results to differ from estimated results, and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward looking statements.

Competent Person's Statement

The information in this announcement that relates to Exploration Results is based on information compiled under the supervision of Leo Horn, a technical advisor to Great Northern Minerals Limited. Mr Horn is a member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles 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." Mr Horn consents to the inclusion in this announcement of the matters based on his information in the form and context in which they appear.

This announcement has been authorised by the Board of Great Northern Minerals Limited.

*****ENDS*****

For further information please contact:

Scott Downsborough

General Manager

Great Northern Minerals Limited

+61 8 9481 0389

scott@greatnorthernminerals.com.au