

## ASX ANNOUNCEMENT

04 June 2020

# Great Northern Minerals receives green light to commence gold drilling program

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Great Northern Minerals Limited (“Great Northern Minerals” or the “Company”) (ASX: GNM) is pleased to announce that it has been granted travel permits ahead of a drilling program across the three Great Northern gold projects in North Queensland.

The Company is reviewing drilling contracts and expects to appoint an experienced drilling contractor in the next week, targeting a drilling start late July.

The program has been selectively designed and will encompass reverse circulation drilling to follow up on the successful results from the 2019 program and will include the first drilling by the Company at the Camel Creek Project.

The key objectives of the planned drilling campaign are:

1. To follow up on several historic shallow intersections at Big Rush and drilling completed by the Company in late 2019 which returned intersections such as **44m @ 4g/t Au, 20m @ 3.2 g/t Au, 27 m @ 2.7 g/t Au**. All of these have not been followed up at depth. The best historic intersection at Big Rush being **17m @ 33.6 g/t Au**.
2. To further explore the gold systems at Big Rush and Camel Creek in particular, which extend over several kilometres. The potential to outline and define a significant resource located between 30-200 metres is a key objective of future drilling.
3. To assess the **2 million tonnes of previously mined material** which was subject to heap leaching in the late 1980s, for remnant material which may be economic.

Selected samples from the planned program will be subject to metallurgical testwork to progress discussions in relation to potential toll treatment of a high grade resource indicated from the previous historic drilling and to assess all potential processing options.

Work over the last two months has progressed well to clarify and prioritise the planned work at Camel Creek, Big Rush and Golden Cup with a number of compelling drill targets defined. See Figures 1 and 2.

There has been limited deeper drilling completed on the projects historically, however all known mineralisation drilled shows signs of continuation to greater vertical depths. The analysis of the digital data and structural geology points to a moderate southerly plunge to the high grade mineralisation and testing of this concept is one important part of the program.

Great Northern Minerals Managing Director commented: ***“There is certainly no shortage of drill targets. The ability for the first time in many years to systematically assess three large underexplored high grade gold projects via deeper drill testing is a unique opportunity for GNM and we look forward to commencing the work”.***

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This announcement has been authorised by the Board or Directors of the Company.

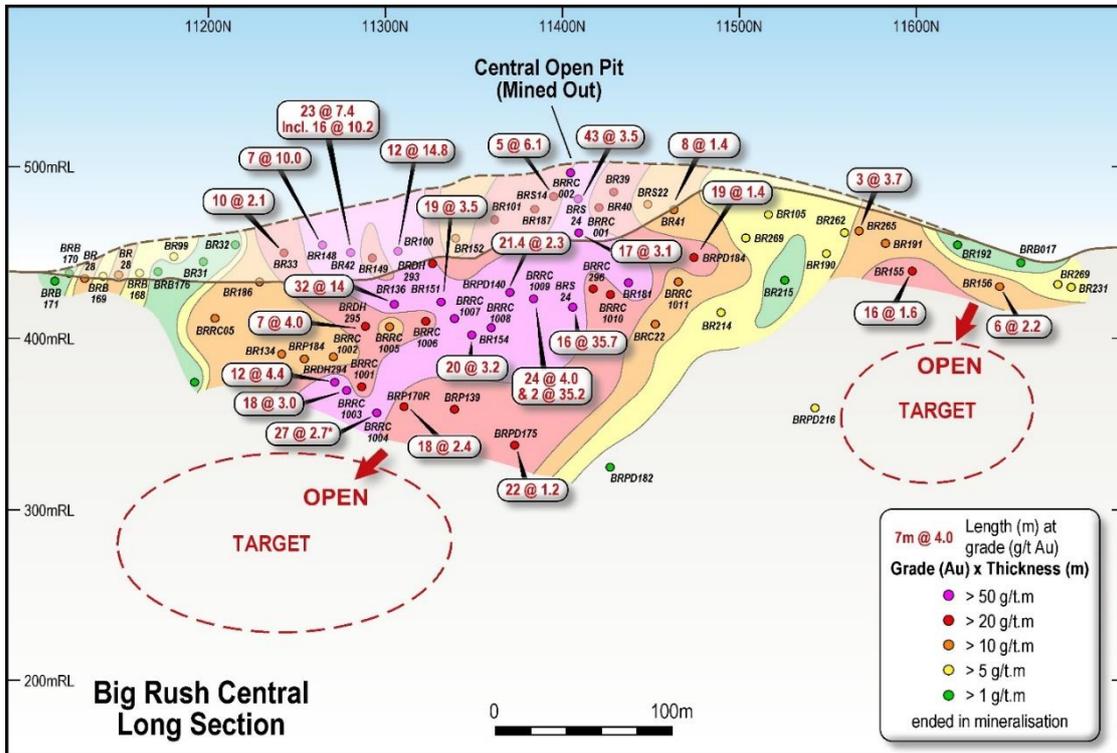


Figure 1: Big Rush Long Section

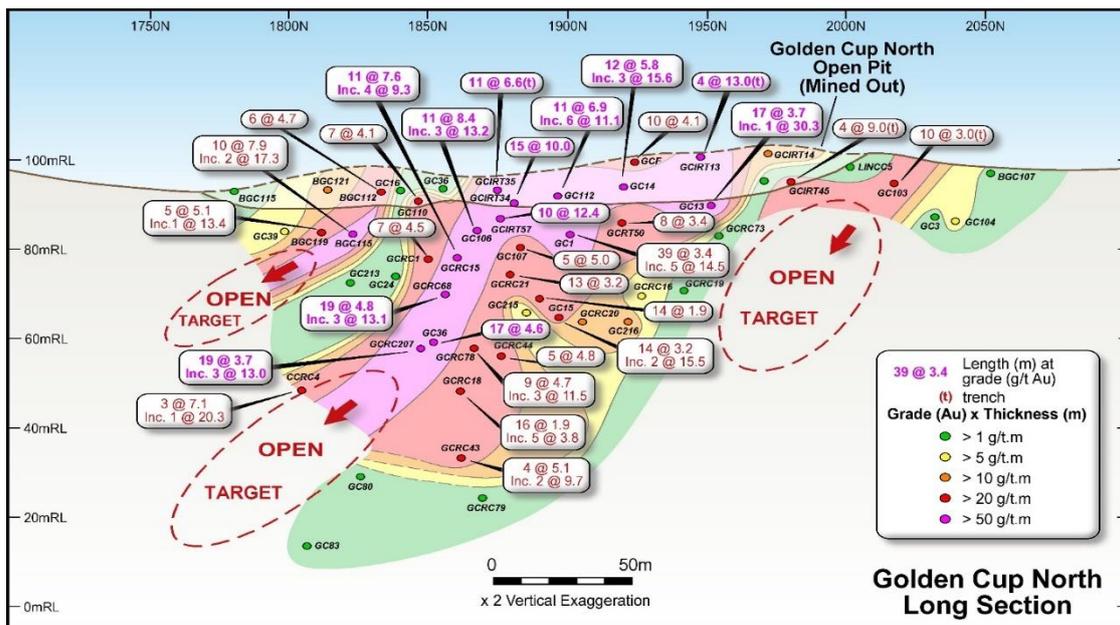


Figure 2: Golden Cup Long Section

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### **About Great Northern Minerals Limited**

*Great Northern Minerals Limited is an ASX-listed gold focused explorer. The Company's key North Queensland Gold Projects include the Golden Cup, Camel Creek and Big Rush Gold Mines in North Queensland.*

### **Competent Persons Statement**

*The information in this report that relates to Exploration Results is based on information compiled by Simon Coxhell, a consultant of Great Northern Minerals. Mr Coxhell is a member of the Australasian Institute of Mining and Metallurgy 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 Coxhell consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.*