

## ASX ANNOUNCEMENT

5 December 2019

# RC Drilling Underway at Big Rush Gold Project in North Queensland

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**Great Northern Minerals Limited** (“Great Northern Minerals” or the “Company”) (ASX:GNM) is pleased to announce that Reverse Circulation (RC) drilling is now underway at the Company’s Big Rush Gold Project in Northern Queensland (Photo 1).

### Highlights:

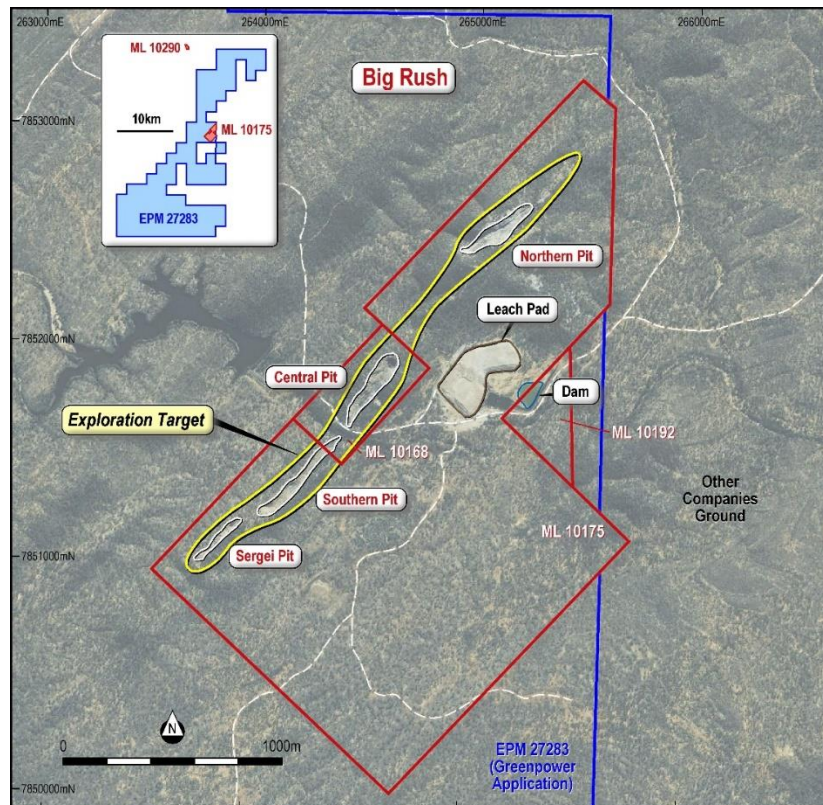
- RC drilling program now underway at the Big Rush Gold Project, the largest historic gold producer of the Company’s three historic gold mines.
- Big Rush drilling program designed to validate historic drilling information.
- Conceptual Resource target between 115,000 and 348,000 ounces gold
- Golden Cup drill program complete with results expected over the coming weeks.

### Big Rush

RC drilling is now underway at the Big Rush Gold Project, located on 3 granted Mining Leases, 200km West of Townsville (Figure 2). The program of approximately 1,000m is designed to confirm historic drilling and allow the estimation of a JORC-compliant gold resource at Big Rush. The Big Rush Gold Project has a near surface exploration target of between 115,756 ounces and 347,267 ounces of Au down to a 100m vertical depth (ASX release 11 July 2019). The potential quantity and grade of the defined Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The planned drilling program is confined to the Central Pit area at Big Rush. The Central Pit area represents a small part of the Big Rush mineralised system which extends for a kilometre both north and south of the Central Pit (Figure 1). The drilling of these extensions represents a strong exploration target which the Company will look to test in the next program.



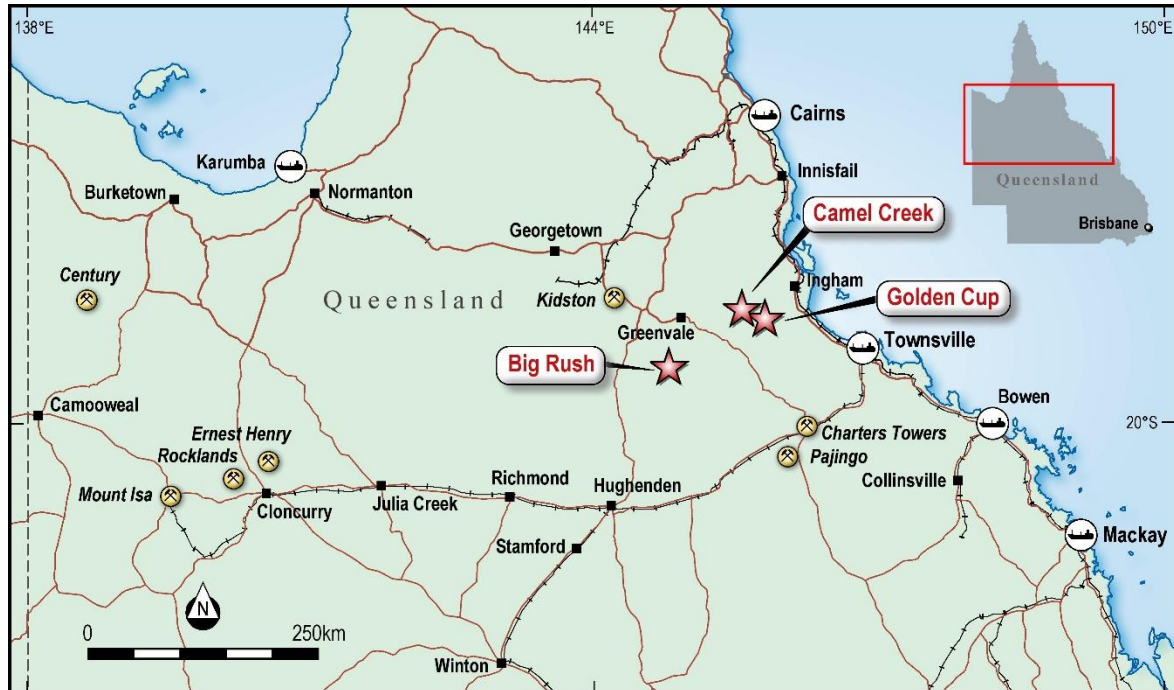
**Photo 1:** Drilling underway at the Company's Big Rush Gold Project



**Figure 1:** Location of historically mined pits, heap leach pad, mining lease boundaries and new EPM application at Big Rush Gold Mine

### Golden Cup

An RC drilling program at the Golden Cup Gold Project has now been completed with a total of 8 holes drilled for 639 metres. Drilling was undertaken by contractor Eagle Drilling NQ Pty Ltd of Charters Towers. The entire length of each drill hole has been sampled, either as 1m or composited samples, and these 302 samples are at Intertek Ltd's assay laboratory in Townsville with assay results expected over the coming weeks.



**Figure 2:** Location of the Company's project in Northern Queensland

**Table 1:** Drilling Completed at the Golden Cup Gold Project

Hole ID	Easting	Northing	Map Grid	Dip	Azimuth	EOH	Local Grid
GCRC074	358856	7908949	GDA94 Zone 55	-60	315	64	1290mN
GCRC075	358958	7909086	GDA94 Zone 55	-55	315	71	1450mN
GCRC076	359095	7909218	GDA94 Zone 55	-50	315	83	1640mN
GCRC077	359127	7909272	GDA94 Zone 55	-50	315	65	1700mN
GCRC078	359029	7909663	GDA94 Zone 55	-60	315	65	1860mN
GCRC079	359063	7909627	GDA94 Zone 55	-60	315	101	1860mN
GCRC080	359067	7909642	GDA94 Zone 55	-60	315	89	1880mN
GCRC081	359090	7909653	GDA94 Zone 55	-60	315	101	1900mN

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

Great Northern Minerals Limited is an ASX-listed gold focused explorer. The Company's projects include the Golden Cup, Camel Creek and Big Rush Gold Mines in Queensland. These historic surface pit mines produced over 150,000 oz up to the mid-1990's at an average grade >2g/t Au.

**\*\*\*ENDS\*\*\***

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**Competent Persons Statement**

*The information in this report that relates to Exploration Results is based on information compiled by Andrew Jones, an employee of Great Northern Minerals Limited. Mr Jones 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 Jones consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.*