

Browns Range – First Rare Earth Carbonate Shipment

Highlights

- First heavy rare earth carbonate shipment has left site
- First heavy rare earth carbonate loaded on ship and expected to sail in the coming few days
- Product meets high quality offtake specifications

Australian heavy rare earths producer, Northern Minerals (ASX: NTU) (the Company) is pleased to announce that the first heavy rare earth carbonate shipment from the Browns Range Pilot Plant Project in the East Kimberley region of Western Australia has left site bound for customers in China.

The first shipment of 2,578kg constitutes RE carbonate that has been produced during the commissioning phase as the various components of the circuit are tested and operated. The shipment sizes will be significantly larger as commissioning is completed and the plant moves to steady state production.



Figure 1: The Browns Range team with the first shipment ready to leave site

Northern Minerals' Managing Director and CEO, George Bauk, said *"Our first shipment of high quality heavy rare earth carbonate from Browns Range demonstrates that we have got the circuit right for the production from xenotime ore."*

"This first shipment is just the beginning of our journey. As commissioning progresses towards steady state levels, we continue to attract international interest in the project and product."

"The team at Browns Range has done an enormous job in working through commissioning challenges. Some adjustments have been made to the circuit to ensure we produce on specification product. 2018 has been very successful and we look forward to 2019."



Figure 2: First shipment on its way to Darwin for export

Investors are encouraged to update their contact details to stay up to date with Northern Minerals news and research at: <http://northernminerals.com.au/update-details/>

For further information

George Bauk
Managing Director/CEO
Northern Minerals
+61 8 9481 2344
Mark Tory
CFO/Company Secretary
Northern Minerals
+61 8 9481 2344

For media and broker enquiries

Andrew Rowell / Michael Cairnduff
Cannings Purple
+61 8 6314 6300

About Northern Minerals:

Northern Minerals Limited (ASX: NTU; Northern Minerals or the Company) has completed Practical Completion of the Browns Range Heavy Rare Earth Pilot Plant Project in northern Western Australia and commenced pilot plant production of heavy rare earth carbonate.

Through the development of its flagship project, the Browns Range Project (the Project), Northern Minerals aims to build the Western Australian operation into the first significant world producer of dysprosium outside of China.

The Project is 100% owned by Northern Minerals and has several deposits and prospects containing high value dysprosium and other HREs, hosted in xenotime mineralisation.

Dysprosium is an essential ingredient in the production of DyNdFeB (dysprosium neodymium iron-boron) magnets used in clean energy and high technology solutions.

The three-year R&D Pilot Plant Project provides the opportunity to gain production experience, surety of supply for the Company's offtake partner and assess the economic and technical feasibility of the larger full-scale development.

For more information: northernminerals.com.au.



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| ASX Code: | NTU | Market Capitalisation: | A\$60m |
| Issued Shares: | 1,201m | Cash (as at 30 Sept 2018): | A\$4.6m |