

## Northern Minerals (ASX: NTU) announces first equipment components arrive at Browns Range HRE Project

### Highlights

- First modular components and equipment arrive on site at Browns Range;
- Second shipment of equipment is being consolidated in Shanghai for shipping to Darwin; and
- Mining of ore for the three-year Pilot Plant Project expected to conclude before the end of the month.

Australian heavy rare earths developer, Northern Minerals Limited (ASX: NTU) (**the Company**) is pleased to provide an update with regards to construction and development progress for the Browns Range Heavy Rare Earths Pilot Plant Project in the East Kimberley, WA.

### Browns Range Construction Update

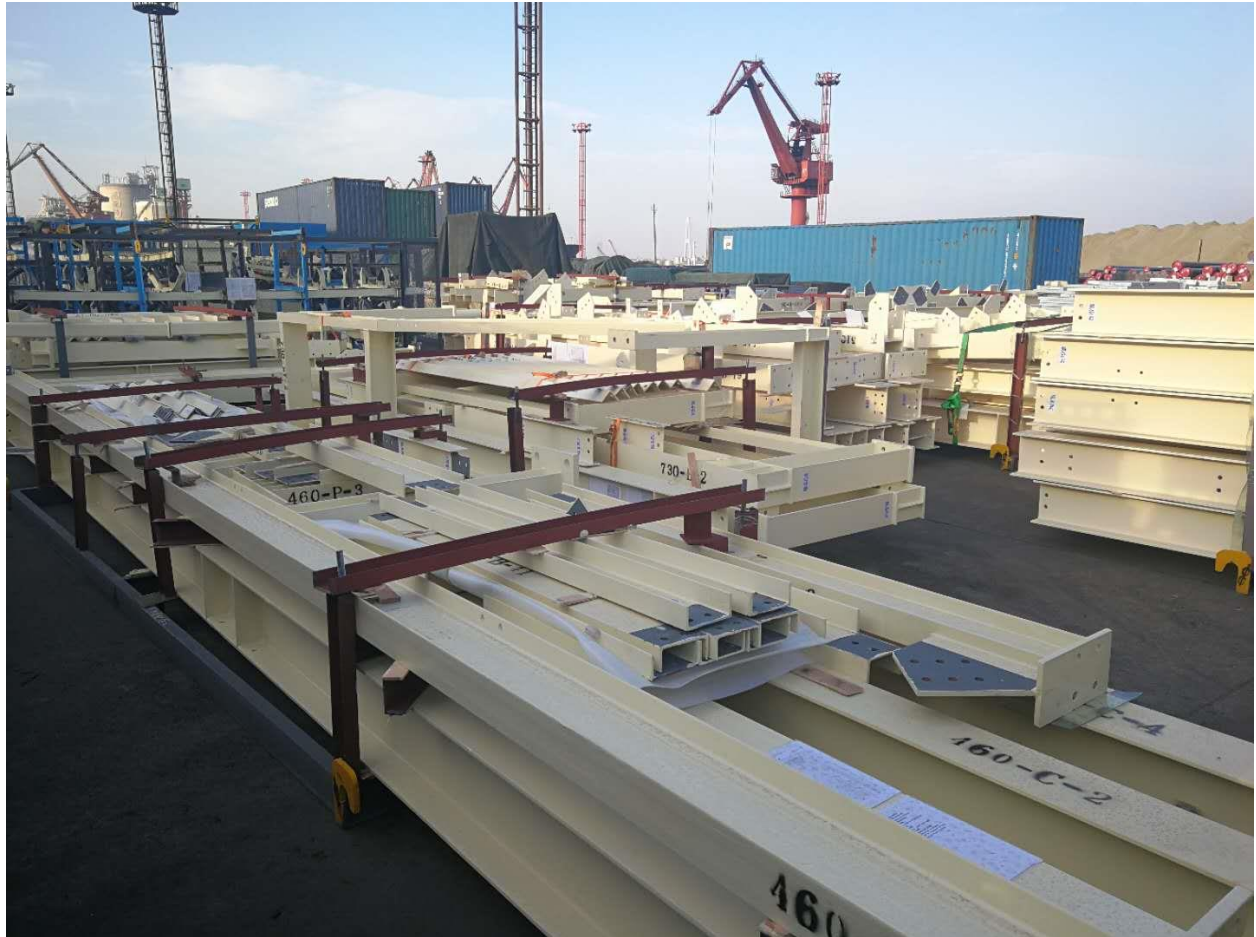
The first shipment of modular process pilot plant components and equipment has arrived on site at Browns Range. Installation contractor, Primero Group, has progressed concrete foundation works, ahead of this delivery and will start the process of assembling the process pilot plant shortly.



First shipment of components arriving at Browns Range

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In China, Sinosteel MECC is well advanced with fabrication of the process plant modular components and equipment. The second of three main shipments are being consolidated at Shanghai port for shipping to Darwin, with the third and final shipment expected in Shanghai at the end of the month.



**Process Plant components at wharf in Shanghai ready for second shipment**

### Mining de-risked

MACA Limited has nearly completed the mining of ore required for the three-year Pilot Plant Project. Ore has been mined as a single campaign commencing in June, with ore stacked on the ROM pad to be drawn down over the three-year programme.

During the mining phase, improved mine design and scheduling has resulted in the planned ore tonnage to be mined for the Pilot Plant Project being increased from 180,000t to around 200,000t.

Commenting on the project developments, Northern Minerals' Managing Director and CEO, George Bauk, said *"The Browns Range site is transforming every day as the project comes together. To date, we have enjoyed excellent progress on all fronts with all contractors and project teams hitting their goals."*

## ASX ANNOUNCEMENT

*"With commencement of the first delivery of equipment and modules to site this week, we remain confident of delivery of first heavy rare earth carbonate in mid-2018 as we play our part in the electric vehicle evolution."*

[Click here to view the latest drone video of the Browns Range site](#)

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### About Northern Minerals:

Northern Minerals Limited (ASX: NTU; Northern Minerals or the Company) has commenced development of the Browns Range Heavy Rare Earth Pilot Plant Project in northern Western Australia.

Through the development of its flagship project, the Browns Range Project (the Project), Northern Minerals aims to be 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 will commence first production of heavy rare earth carbonate in H1 2018. The pilot plant development provides the opportunity to gain production experience, surety of supply for our offtake partner and assess the economic and technical feasibility of the larger full-scale development.

For more information: [northernminerals.com.au](http://northernminerals.com.au).



ASX Code:	NTU	Market Capitalisation:	A\$92m
Issued Shares:	798m	Cash (as at 30 September 2017):	A\$5.0m