

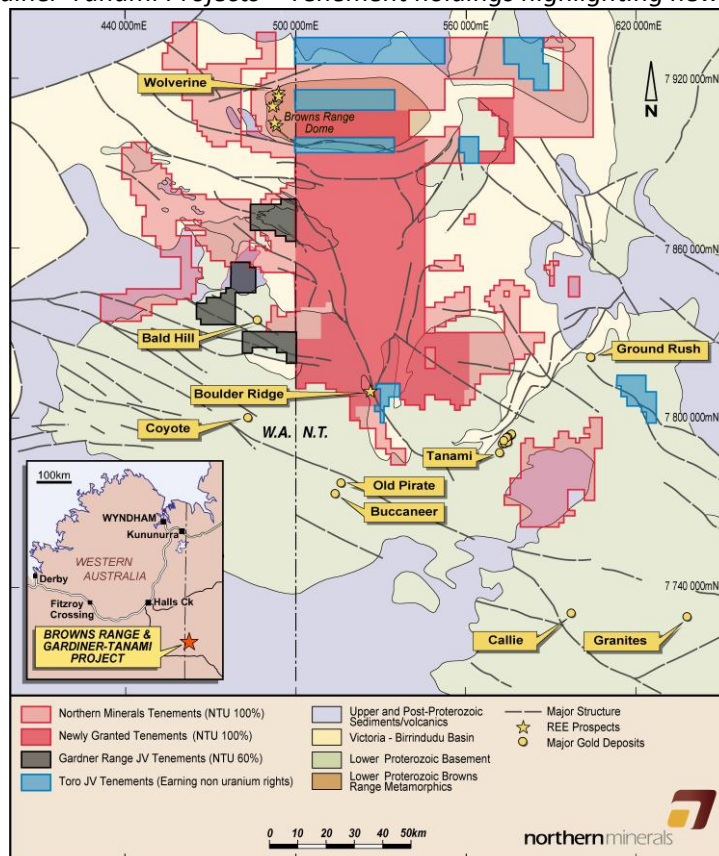
## Grant of Tenements in the Northern Territory Expands Northern Minerals Heavy Rare Earth (HREE) Target Area

### Highlights:

- 4,842km<sup>2</sup> of new tenements granted in the Northern Territory within the Browns Range Dome area and extending southward toward the Tanami Gold mine
- Tenements include known xenotime mineralisation, with an established target from historic exploration including significant REE assays from rock chip samples (Boulder Ridge)
- Exploration program to also include first work program on the Toro Energy Joint Venture ground
- Southern tenements highly prospective for gold leading to the investigation of opportunities for a gold rights divestment in order that the Company maintains focus on HREE

Northern Minerals (ASX: NTU) is pleased to announce 13 additional tenements have been granted in the Northern Territory (NT), significantly expanding its Heavy Rare Earth Element (HREE) target area around the highly prospective Browns Range Dome.

### *Browns Range and Gardiner-Tanami Projects – Tenement holdings highlighting newly granted tenements*



The tenements cover a combined area of 4,842km<sup>2</sup> on the NT side of the Company's Gardiner Tanami and Browns Range project areas (*see figure*). They include the eastern section of the Browns Range Dome geological structure, and extend southward toward the Tanami Gold mine.

The tenements are also contiguous with the ground where Northern Minerals has already identified and is developing a number of high value HREE prospects.

The Company is now planning to step up its regional exploration activity across the newly granted area, which features an established HREE target from historical exploration activity. This historical prospect is known as Boulder Ridge, and was explored by several companies including PNC Exploration, in the 1970s and 1980s. Rock chip samples with up to **21.7% TREO** were reported, and xenotime mineralisation within quartz veins hosted by silicified and brecciated sandstone were noted in historical exploration reports.

Northern Minerals will commence an on-ground work program on the tenements once the necessary aboriginal heritage surveys have been completed. This will include the first HREE exploration on the tenements within the Toro Energy Joint Venture area.

Managing Director George Bauk said, "In essence the acquisition of these additional tenements means that Northern Minerals now holds tenure over virtually the whole of the highly heavy rare earths prospective Brown Range Dome.

"The area within the latest acquisition has only been lightly explored in the past, but there are historical reports of xenotime mineralisation similar to what we have identified at Browns Range," Mr Bauk said.

"This includes the exciting Boulder Ridge HREE xenotime target, which was identified from historical work. We are very keen to now commence a work program including airborne geophysics and reconnaissance mapping, which will initially target the historical occurrences of xenotime."

Mr Bauk said the regional exploration program was a key part of Northern Minerals' focus on building a significant HREE mineral resource in the region.

"As part of our pathway to production we are focused on delivering a JORC resource at Wolverine and Gambit in the coming few months, and moving into first production by 2015. At the same time, we are developing other targets in the region in order to build the mineral inventory and the status of Northern Minerals as a globally significant new source of HREE."

Mr Bauk said Northern Minerals was also investigating opportunities to divest its gold interests in the Gardiner Tanami region, to allow it to remain focused on its HREE program.

"Previous drilling has identified some encouraging gold intersections in a region that has some large gold producing assets, and which warrant further exploration."

### **Competent Person Declaration**

The information in this report accurately reflects information prepared by competent persons (as defined by the Australasian Code for Reporting of Mineral Resources and Ore Reserves). It is compiled by Mr R Wilson, an employee of the Company who is a Member of The Australasian Institute of Mining and Metallurgy with the requisite experience in the field of activity in which he is reporting. Mr Wilson has sufficient experience which is relevant to the style of mineralisation and the type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Wilson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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**About Northern Minerals**

Northern Minerals Limited (ASX: NTU) is focused on development of rare earth elements (REE), with a large and prospective landholding in Western Australia and the Northern Territory.

The Company's flagship project is Browns Range, where it has a number of prospects with high value, heavy rare earth elements (HREE), in xenotime mineralisation. In particular, the mineralisation includes high levels of dysprosium and yttrium, which are in short supply globally. Following outstanding results from its drilling program, the Company is focused on advancing Browns Range toward production, using a relatively simple and low cost processing flow sheet to produce a high grade concentrate. The Company is aiming to produce and deliver HREO in concentrate by 2015. Northern Minerals also has a HREE exploration program underway at the geologically similar John Galt project.

Northern Mineral's gold program is focused on the Gardiner-Tanami project and Gardner Range JV, which comprise 10,500km<sup>2</sup> on the WA-NT border. The projects are located within the world-class Tanami-Arunta gold region.

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

