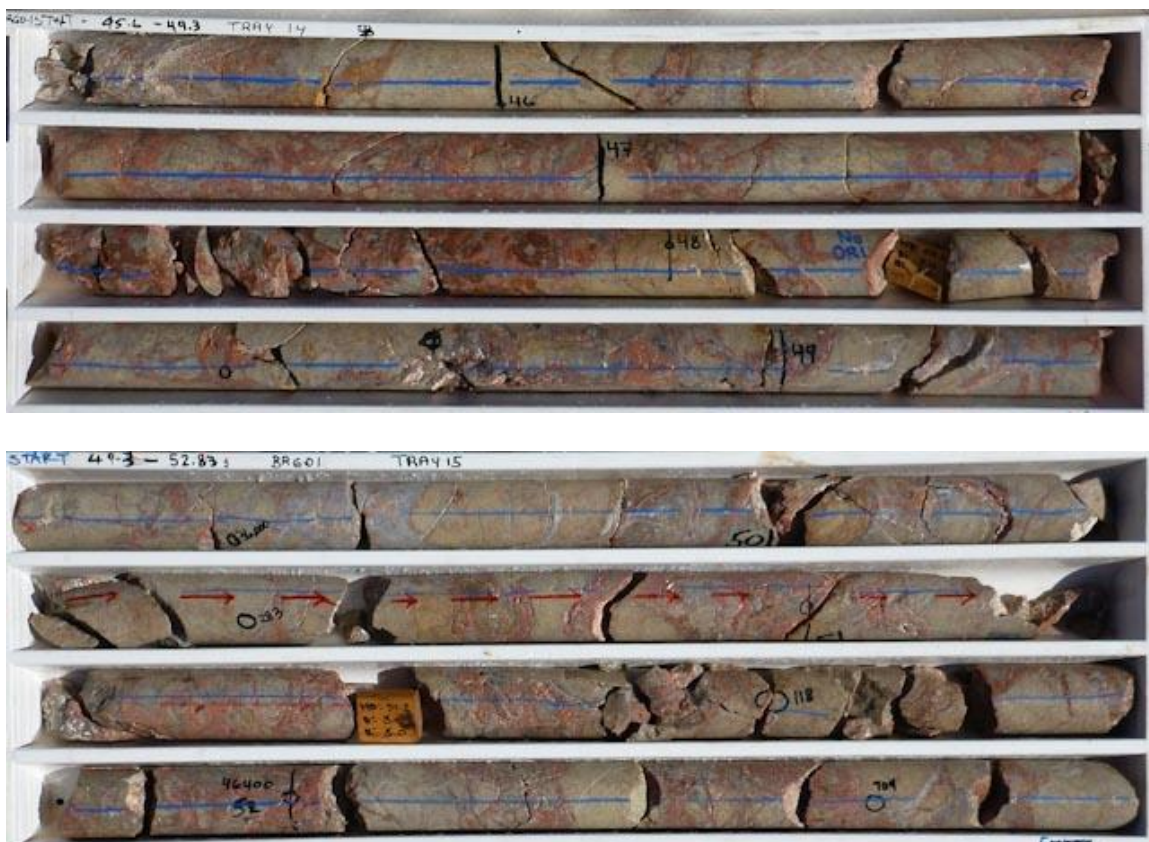


Diamond drilling at Browns Range delivers highest grade HRE intersections to date

Highlights:

- Diamond drilling at the Gambit Prospect returns the highest grade Heavy Rare Earth (HRE) intersections recorded to date at Browns Range – **38m at 4.15% TREO** containing high levels of dysprosium and yttrium. The intersection includes **8m at 9.58% TREO**
- In-fill and step out drilling at Wolverine continues to confirm the mineralised zone for JORC Resource definition
- Drilling is continuing at Gambit and Wolverine, and across the Browns Range Project on other targets.

Northern Minerals (ASX: NTU) has received the first results from the current diamond drilling program at Browns Range in northern Western Australia. The drilling has delivered high grade HRE intersections, and further defined mineralisation in preparation for a maiden JORC Resource.



Mineralised drill core from Gambit Prospect Diamond drill hole BRGD0001 (45.6m-52.8m)



The assays are from the first six holes of a 22 hole diamond drill program, and feature the highest grade intersections received to date at Browns Range. The first diamond drill hole drilled at the Gambit prospect (BRGD0001), intersected a mineralised zone with **38m (45m – 83m) at 4.15% TREO** (no top cut applied).

The 2012 diamond drilling at Gambit has focused on gaining information on the geological structures, and has targeted the zones of mineralisation identified in the 2011 drilling program.

Since July 2012, two drill rigs have also been operating at Wolverine conducting step-out and infill drilling to gather data for a JORC resource.

Managing Director George Bauk said the Company is aiming to produce a maiden JORC resource at Wolverine in the last quarter of 2012, and is also working to develop a resource at Gambit.

“Our objectives for the drilling program are being met and so far our expectations have been exceeded. This first batch of results has delivered some very exciting indications from Gambit, with some exceptionally high grades, and have improved our understanding of the mineralisation at Wolverine,” Mr Bauk said.

“Further results are expected soon and additional drilling is being planned for both prospects in the coming quarter. This will include completion of the drilling requirements for a JORC resource at Wolverine,” Mr Bauk said.

Assays results to date include the three diamond drill holes (BRGD0001 – 0003) drilled at Gambit, as well as the first three diamond drill holes (BRWD0007 – 0009) of the current program at Wolverine.

Table 1: Summary of significant intersections
(mineralised intervals are downhole widths, not true widths)

Hole Number	Prospect	From(m)	To(m)	Interval (m)	TREO (%)	Dy ₂ O ₃ (ppm)	Y ₂ O ₃ (ppm)
BRGD0001	Gambit	45	83	38	4.15	4,161	26,638
		Inc. 46	54	8	9.58	9,760	61,715
		& 60	67	7	6.22	6,299	40,290
BRGD0002	Gambit	28	29.3	1.3	5.73	6,026	34,557
		55	61	6	0.35	315	2,032
		88	92	4	0.60	545	3,336
BRGD0003	Gambit	74	80	6	0.35	278	1,943
BRWD0007	Wolverine	20	27	7	0.52	410	2,979
		36	49	13	1.24	1,083	7,641
BRWD0008	Wolverine	59	66	7	0.71	597	4,357
BRWD0009	Wolverine	77	84	7	0.93	704	5,304

NB – Intersections calculated using a 0.15% TREO cut-off and a maximum of 2m internal dilution.. No top cut has been applied

Samples were submitted to Genalysis Laboratory for REE analysis using a FP6/OM Sodium Peroxide Fusion Digest

TREO: Total Rare Earth Oxides – Total of La₂O₃, CeO₂, Pr₆O₁₁, Nd₂O₃, Sm₂O₃, Eu₂O₃, Gd₂O₃, Tb₄O₇, Dy₂O₃, Ho₂O₃, Er₂O₃, Tm₂O₃, Yb₂O₃, Lu₂O₃, Y₂O₃



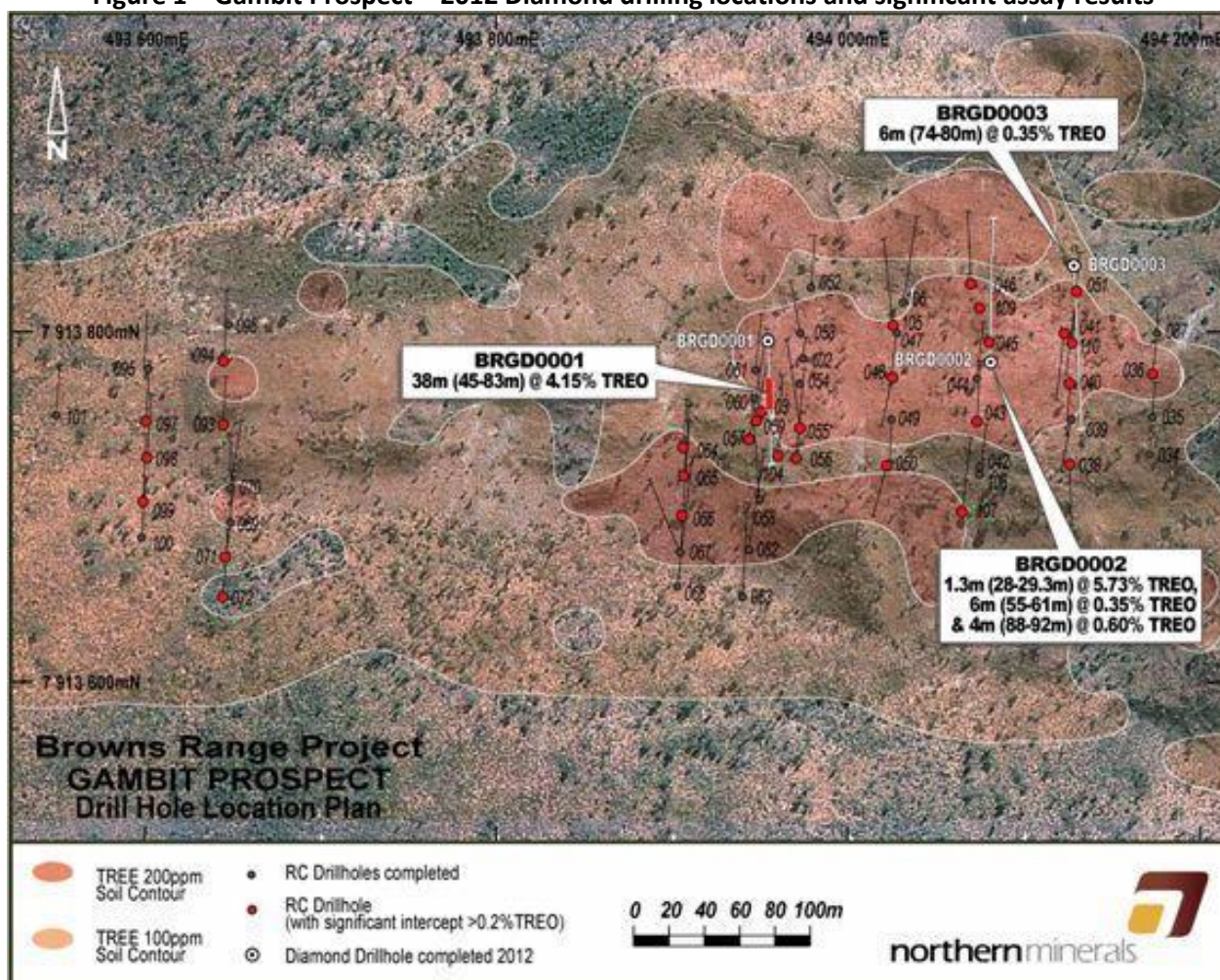
Gambit Prospect

The three diamond drill holes at Gambit were designed to intersect the areas of known mineralisation defined by Reverse Circulation (RC) drilling in 2011, and obtain geological and structural data to aid in the understanding of mineralisation.

The high grade mineralisation occurs within a siliceous brecciated arkosic sandstone, located on the western edge of the RC drilling area completed in 2011 (see Figure 1 below). The geometry and dimensions of the mineralised zone in BRGD0001 are unclear, but is likely to be part of a high grade, steeply plunging shoot.

Further drilling is required to confirm this interpretation, and an RC drill program is currently planned to recommence at Gambit in September with approximately 4000m of drilling proposed.

Figure 1 – Gambit Prospect – 2012 Diamond drilling locations and significant assay results



Wolverine

Assay results from three of the diamond drill holes completed at Wolverine have confirmed the xenotime mineralised zone. These three holes were drilled within the defined mineralised envelope and mineralisation was encountered where expected (see Figure 2 below). Best results from these three holes are summarised in the table above. Assays results from further holes drilled will be released once received.

Further deeper diamond drilling is planned for Wolverine in September, which will also include some drilling for metallurgical purposes. This drilling program will complete the planned resource definition drilling at Wolverine.

Figure 2 – Wolverine Prospect 2012 Drilling completed and 2012 significant assay results

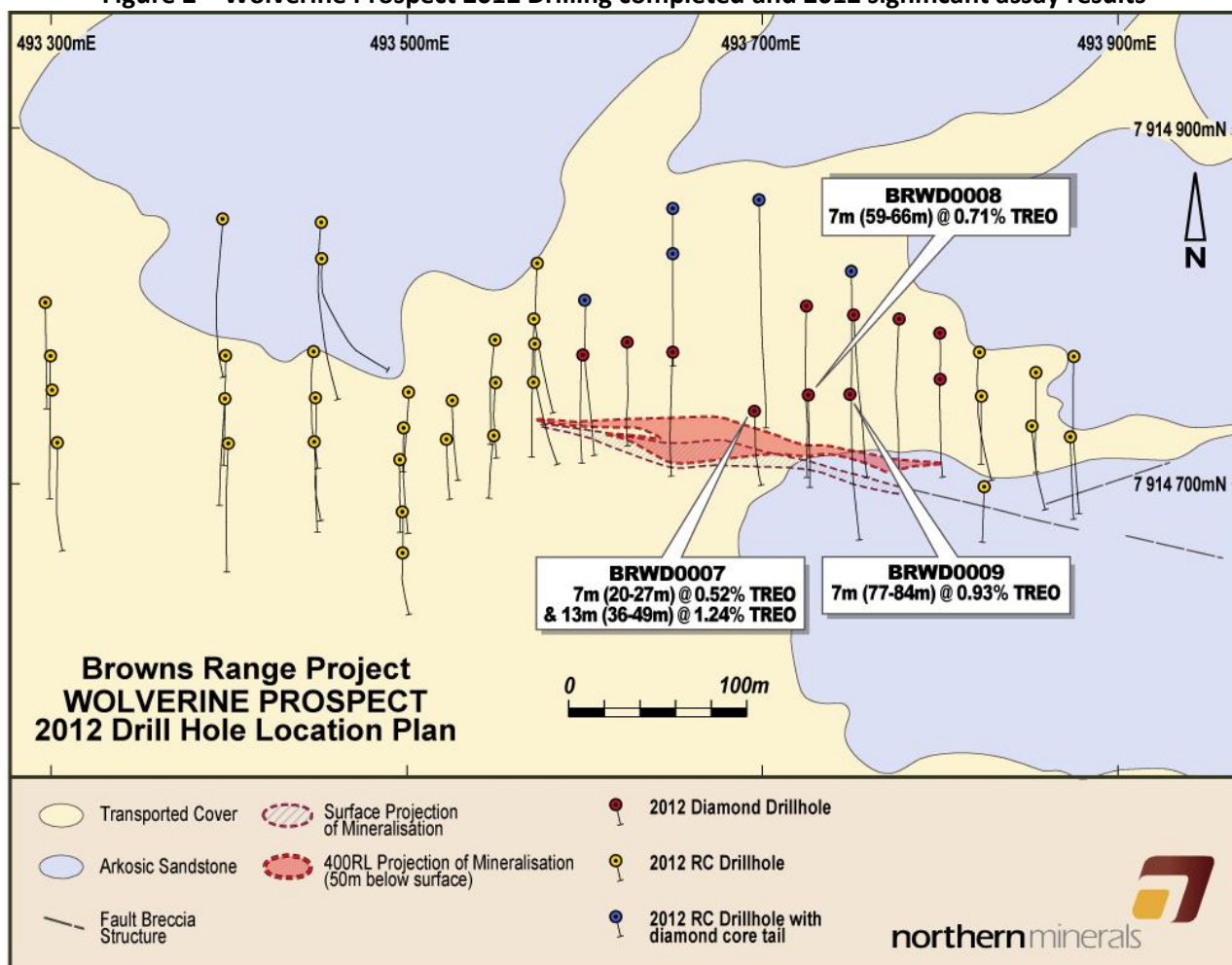


Table 2: Completed diamond drill hole collar details

HOLEID	EASTING	NORTHING	RL	DEPTH	PROSPECT	MAG_AZIMUTH	DIP
BRGD0001	493953.3	7913795	463.74	144	Gambit	180	-60
BRGD0002	494080.2	7913783	472.33	163	Gambit	360	-60
BRGD0003	494127.4	7913838	465.47	183	Gambit	180	-60
BRWD0007	493696	7914741	451.15	79.4	Wolverine	180	-60
BRWD0008	493726.3	7914751	451.58	104.9	Wolverine	180	-60

Coordinates based on GDA94 Zone 52



Competent Persons 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.

For more information:

Name	Company	Contact
George Bauk	Managing Director/CEO Northern Minerals	+61 8 9481 2344
Ryan McKinlay / Karen Oswald	Cannings Purple	+61 8 6314 6300 +61 408 347 282 / +61 423 602 353

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 HREE 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 10,500km² 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

