



26 August 2013

Best drill result to date at Wolverine supports further HRE resource growth potential

Highlights

- Excellent drill assay results from Wolverine, including best single drill hole result to date - **21.5m @ 3.17%** (31.7 kg/t) **TREO¹** - supports a potential expansion of resource tonnages.
- The TREO within the intersection consists of 85% heavy rare earth oxides (HREO²) including an average grade of 2.9kg/t dysprosium oxide and 19.7 kg/t yttrium oxide.
- This result and results from an adjacent drill hole 25m further west with **27.5m at 1.19%** (11.9 kg/t) **TREO** from 308.5m confirm Wolverine mineralisation remains open and has continuity on a westerly plunge at depth, which is the target of the next phase of drilling now underway.
- Expansion of Browns Range JORC compliant resource expected in October, to also include maiden resources from Gambit West, Gambit and Area 5.

Northern Minerals (ASX:NTU) is pleased to release additional drill results from the Wolverine, Area 5 and Gambit prospects at its Browns Range Heavy Rare Earth (HRE) project, which will contribute to a new resource estimate planned for completion early in the next quarter.

The assays feature further high grade intersections at Wolverine, including the best single hole intersection to date from the prospect. The results also indicate a westerly plunge to the HRE mineralisation, which remains open at depth and to the west, and demonstrates potential for future growth in resource tonnages. These areas are the target of the follow up drilling program which commenced this week.

Best results from the current batch of assays include:

Prospect	Hole ID	From (m)	To (m)	Interval (m)	TREO %	TREO (kg/t)	Dy ₂ O ₃ (kg/t)	Y ₂ O ₃ (kg/t)
Wolverine	BRWT0263 Including &	298	319.5	21.5	3.17	31.7	2.94	19.69
		300	304.5	4.5	5.06	50.6	4.67	30.80
		313.1	316.7	3.6	9.34	93.4	8.78	59.32
Wolverine	BRWT0268 including	308.5	336	27.5	1.19	11.9	1.05	7.05
		323.5	332	8.5	2.56	25.6	2.36	15.83
Wolverine	BRWT0269 including	292	316	24	0.98	9.8	0.84	5.48
		302	308	6	2.56	25.6	2.36	13.22
Wolverine	BRWT0257 including	212.5	224	11.5	2.99	29.9	2.52	18.17
		216	224	8	4.25	42.5	3.6	25.9
Wolverine	BRWT0258	258	278	20	0.78	7.8	0.65	4.23
Wolverine	BRWT0173*	195	209	14	1.0	10.0	0.91	6.11
Wolverine	BRWT0264	338	346	8	1.17	11.7	1.1	7.42
Wolverine	BRWT0173*	316	225	9	1.04	10.4	0.90	6.44
Area 5	BRAD0002** including	123.8	145.2	21.4	0.82	8.2	0.36	2.50
		126.4	135.6	9.2	1.6	16.0	0.64	4.4
Area 5	BRAR0063 including	168	179	11	1.22	12.2	0.97	6.83
		171	177	6	2.08	20.8	1.67	11.78

Mineralised intervals are downhole widths >2m @ 0.15% TREO, or 1m >0.30% TREO, not true widths. 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. All significant intersections from the recent assay results are listed in Table 1 below. All drill hole collar details are listed in Table 2.

¹ TREO = total rare earth oxides - Total of La₂O₃, CeO₂, Pr₆O₁₁, Nd₂O₃, Sm₂O₃, Eu₂O₃, Gd₂O₃, Tb₄O₇, Dy₂O₃, Ho₂O₃, Er₂O₃, Tm₂O₃, Yb₂O₃, Lu₂O₃, Y₂O₃.

² HREO = Heavy Rare Earth Oxides - Total of Sm₂O₃, Eu₂O₃, Gd₂O₃, Tb₄O₇, Dy₂O₃, Ho₂O₃, Er₂O₃, Tm₂O₃, Yb₂O₃, Lu₂O₃, Y₂O₃

* Assay results were received from drill hole BRWT0173 in July 2013, and were not included in the ASX release dated 8th August.

** BRAD0002 was drilled down-dip (towards the southwest) of the interpreted trend of mineralization (see Figure 4 below) hence the interval width is greater than holes drilled in the opposite direction. The hole was drilled in this direction in order to test the geological model.

pathway to production

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Northern Minerals has recently completed approximately 24,000 metres of drilling on the Western Australian side of the Browns Range Project, with results from the program to be used for a significant upgrade in resource by October. The drilling has focused on the Wolverine, Gambit West, Gambit Central and Area 5 prospects, which are all expected to contribute to the upgrade.

The latest batch of results has continued the high grade trend at Wolverine, with several intersections delivering results above 1% TREO. Results from Area 5 have also extended the mineralised zone at that prospect, with consistent results of wide and shallow intersections.

Northern Minerals Managing Director George Bauk said: “Wolverine continues to produce excellent grades across good widths of mineralisation, which we expect will translate to additional tonnages when we complete our next resource estimate”.

“This latest batch of assays includes the best single drill hole from Wolverine yet – with intervals up to 9% TREO - from outside our current resource modeling and really reinforces the further growth potential at this prospect both at depth and along strike. This area is the target of our ongoing drilling at Wolverine.

“We have also identified what appears to be a westerly plunge to the mineralisation as it moves deeper. This mineralisation shows continuity and remains open at depth and to the west, and gives us further opportunities to add resource tonnes at Wolverine and build a significant mineral inventory in the region,” Mr Bauk said.

Northern Minerals has this week commenced a follow up drilling program of approximately 2,000m at Wolverine, which will focus on further defining the mineralisation to the west, and at depth. Results from this program will not be available to include in the current resource assessments.

Figure 1 - Wolverine Prospect – Drill section 493600E

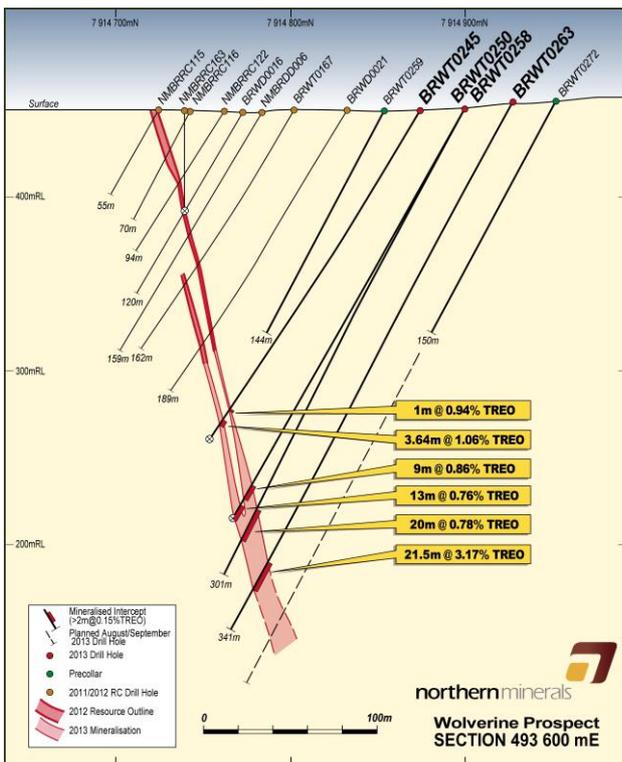
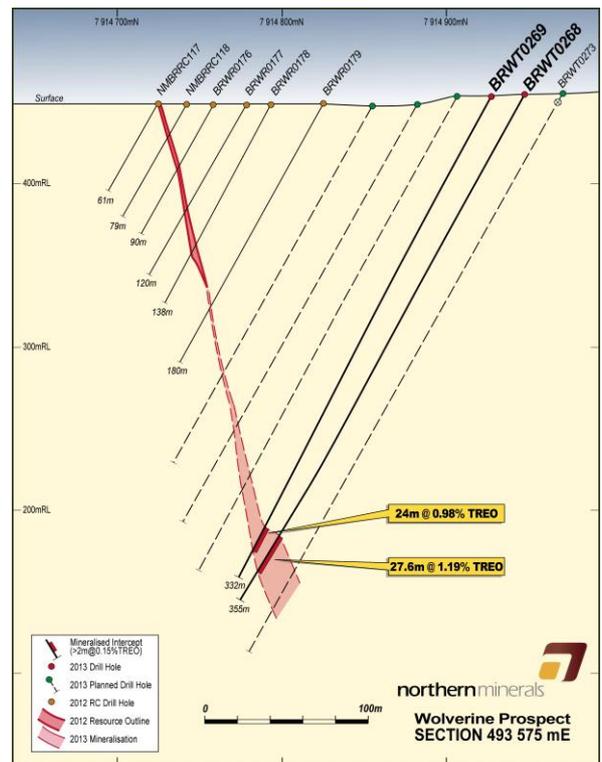


Figure 2 – Wolverine Prospect – Drill section 493575E



Northern Minerals has completed approximately 9,500m of drilling at Wolverine this year, with results to date received from 33 of the 35 holes completed. The drilling campaign has targeted extensions to the current resource at Wolverine, both at depth and along strike. Assays released to date have delivered exciting results below the current 150m resource modeling, with intersections now down to 300m vertical depth. Drilling along strike has indicated the mineralisation extends progressively westward with depth and remains open in this direction. This area is the target for the next phase of drilling, which commenced this month. The latest results show the same style of breccia-hosted xenotime mineralisation as previously identified at Wolverine, which features high grades of TREO, and a dominance of HRE such as dysprosium and yttrium.

The additional assays from recent drilling at Area 5 have also continued to return wide, shallow intersections of HRE, with further expansion potential along strike and at depth (see Figures 4 and 5 below). The program at Area 5 has included 5,544m of RC and diamond drilling, with results now received from all of the 34 RC holes and three of the five diamond drill holes. Mineralisation is interpreted to occur within several lenses which are approximately east-west trending and dip moderately towards the south / southwest.

Assay results were also received from another five RC drill holes completed at Gambit to test for shallow mineralisation. A best result of 8m @ 0.75% TREO from 16m was received from hole BRGR0147.

Figure 3- Wolverine Prospect – Drill hole location plan

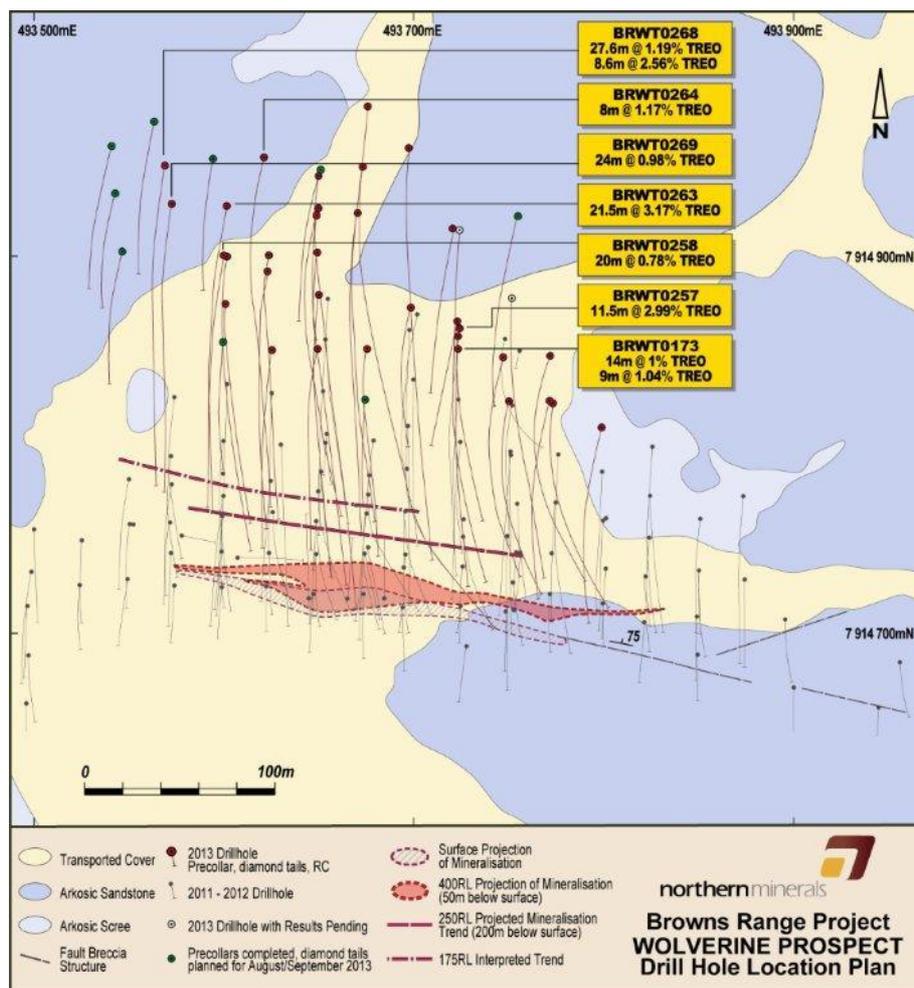


Figure 4 - Area 5 Prospect – Drill Section C17

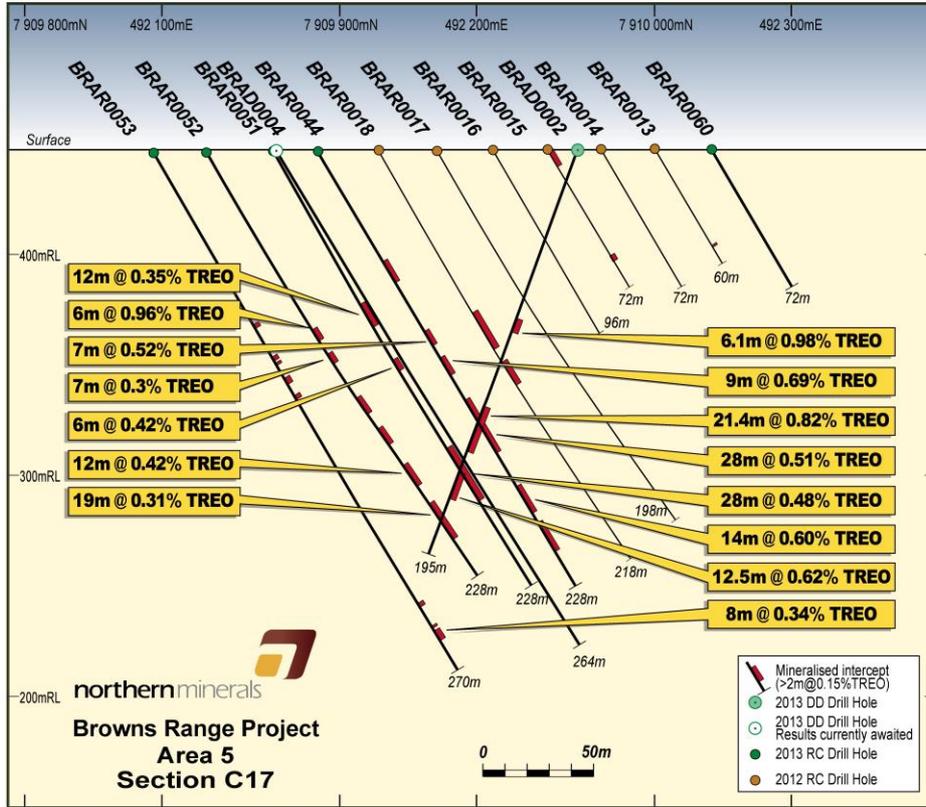


Figure 5 – Area 5 Prospect – Drill hole location plan

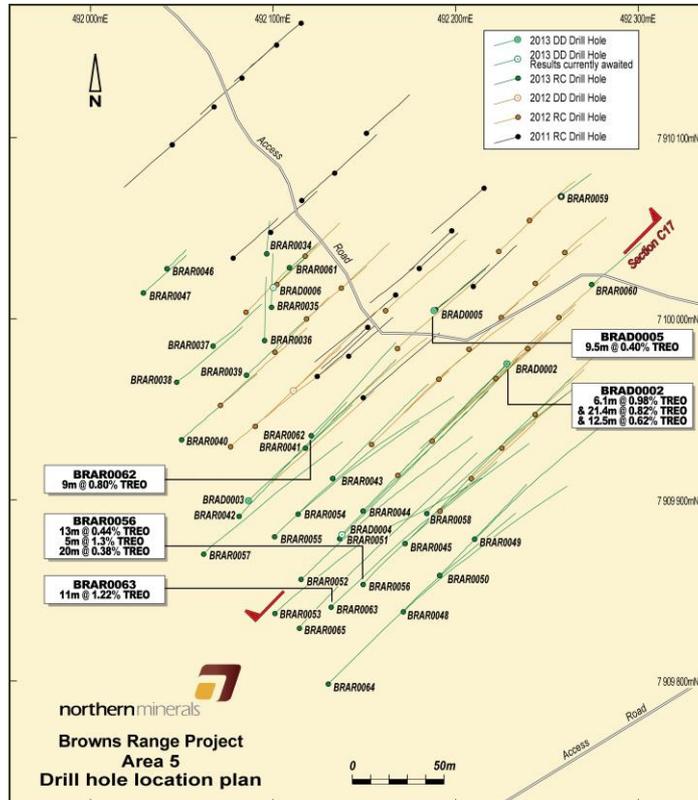


Table 1 – All significant intercepts (>=2m @ 0.15% TREO or equivalent over 1m)

Prospect	Hole Number	From(m)	To(m)	Interval (m)	TREO (%)
Wolverine	BRWR0266	47	48	1	0.63
Wolverine	BRWR0266	182	184	2	0.33
Wolverine	BRWT0173	87	89	2	0.36
Wolverine	BRWT0173	111	112	1	0.36
Wolverine	BRWT0173	163	176	13	0.31
Wolverine	BRWT0173	195	209	14	1.00
Wolverine	BRWT0173	216	225	9	1.04
Wolverine	BRWT0257	212.5	224	11.5	2.99
	Including	216	224	8	4.25
Wolverine	BRWT0257	227	230	3	0.88
Wolverine	BRWT0257	234.3	236.3	2	2.26
Wolverine	BRWT0257	242	243	1	0.76
Wolverine	BRWT0257	247	248	1	0.35
Wolverine	BRWT0257	250	251	1	1.04
Wolverine	BRWT0257	264	265	1	0.59
Wolverine	BRWT0257	269	270	1	0.59
Wolverine	BRWT0257	280	283	3	0.71
Wolverine	BRWT0258	258.1	278.1	20	0.78
Wolverine	BRWT0258	284.3	284.7	0.4	6.48
Wolverine	BRWT0263	298	319.5	21.5	3.17
	Including	300	304.5	4.5	5.06
	&	313.1	316.7	3.6	9.34
Wolverine	BRWT0264	328.5	329	0.5	0.52
Wolverine	BRWT0264	338	346	8	1.17
Wolverine	BRWT0264	363	372	9	0.37
Wolverine	BRWT0268	308.5	336.1	27.6	1.19
	including	323.5	332	8.5	2.56
Wolverine	BRWT0269	281	283	2	0.15
Wolverine	BRWT0269	292	316	24	0.98
	including	302	308	6	2.32
Wolverine	BRWT0271	109	111	2	0.17
Area 5	BRAD0002	78	78.5	0.5	0.90
Area 5	BRAD0002	81.5	87.7	6.2	0.98
Area 5	BRAD0002	93.4	99	5.6	0.25
Area 5	BRAD0002	102	107.9	5.9	0.16
Area 5	BRAD0002	110.3	118.5	8.2	0.37
Area 5	BRAD0002	123.8	145.2	21.4	0.82
	including	126.4	135.6	9.2	1.60
Area 5	BRAD0002	155.6	168.1	12.5	0.62
Area 5	BRAD0002	172.8	174	1.2	0.31
Area 5	BRAD0002	175.9	177	1.1	0.93
Area 5	BRAD0003	16.8	21.3	4.5	0.19
Area 5	BRAD0003	74.3	77.2	2.9	0.34
Area 5	BRAD0005	9	10	1	0.32
Area 5	BRAD0005	15	18.5	3.5	0.20



Prospect	Hole Number	From(m)	To(m)	Interval (m)	TREO (%)
Area 5	BRAD0005	29.5	39	9.5	0.40
Area 5	BRAD0005	42.8	48.5	5.7	0.35
Area 5	BRAR0053	90	92	2	0.25
Area 5	BRAR0053	107	111	4	0.3
Area 5	BRAR0053	118	121	3	0.4
Area 5	BRAR0053	127	129	2	0.19
Area 5	BRAR0053	236	238	2	0.38
Area 5	BRAR0053	248	256	8	0.34
Area 5	BRAR0056	132	133	1	0.37
Area 5	BRAR0056	141	154	13	0.44
Area 5	BRAR0056	157	162	5	1.30
Area 5	BRAR0056	171	191	20	0.38
Area 5	BRAR0057	51	53	2	0.21
Area 5	BRAR0059	13	21	8	0.30
Area 5	BRAR0061	17	18	1	0.42
Area 5	BRAR0062	73	76	3	0.42
Area 5	BRAR0062	80	89	9	0.80
Area 5	BRAR0062	92	97	5	0.24
Area 5	BRAR0063	125	142	17	0.23
Area 5	BRAR0063 including	168 171	179 177	11 6	1.22 2.08
Area 5	BRAR0063	183	190	7	0.44
Area 5	BRAR0064	101	104	3	0.36
Area 5	BRAR0064	173	176	3	0.16
Area 5	BRAR0065	89	90	1	0.59
Area 5	BRAR0065	119	124	5	0.17
Area 5	BRAR0065	132	133	1	0.98
Area 5	BRAR0065	193	194	1	0.45
Area 5	BRAR0065	246	247	1	0.69
Area 5	BRAR0065	251	253	2	0.17
Gambit	BRGR0147	16	24	8	0.74
Gambit	BRGR0149	5	6	1	2.46
Gambit	BRGR0149	18	22	4	0.21
Gambit	BRGR0149	28	31	3	0.15
Gambit	BRGR0149	35	37	2	0.90
Gambit	BRGR0150	7	10	3	0.44
Gambit	BRGR0150	13	14	1	0.62

Mineralised intervals are downhole widths >2m @ 0.15% TREO, or 1m >0.30% TREO, not true widths. 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.



Table 2 - Drill hole collar table (Area 5, Gambit and Wolverine prospects)
(Coordinates in GDA94 Zone 52)

Prospect	Hole Number	Easting	Northing	RL	Drill Type	Dip	Mag Azimuth	Depth
Area 5	BRAD0002	492228	7909975	447	DD	-70	225	195.2
Area 5	BRAD0003	492086	7909899	447	DD	-60	45	155.7
Area 5	BRAD0004	492135	7909875	447	DD	-59	48	264.4
Area 5	BRAD0005	492187	7910004	449	DD	-59	45	69.5
Area 5	BRAD0006	492100	7910017	450	DD	-60	45	51.6
Area 5	BRAR0053	492101	7909837	446	RC	-60	45	270
Area 5	BRAR0054	492113	7909891	447	RC	-60	43	222
Area 5	BRAR0055	492101	7909880	447	RC	-60	45	198
Area 5	BRAR0056	492149	7909853	446	RC	-60	45	240
Area 5	BRAR0057	492062	7909870	447	RC	-60	45	198
Area 5	BRAR0058	492184	7909893	446	RC	-60	45	222
Area 5	BRAR0059	492257	7910067	449	RC	-60	45	42
Area 5	BRAR0060	492275	7910018	447	RC	-60	45	72
Area 5	BRAR0061	492109	7910027	452	RC	-60	45	42
Area 5	BRAR0062	492120	7909935	448	RC	-60	45	144
Area 5	BRAR0063	492131	7909840	446	RC	-60	45	246
Area 5	BRAR0064	492129	7909800	445	RC	-60	45	282
Area 5	BRAR0065	492115	7909829	446	RC	-60	42	276
Gambit	BRGR0147	493547	7913779	450	RC	-60	360	48
Gambit	BRGR0148	493622	7913741	451	RC	-60	180	42
Gambit	BRGR0149	493603	7913763	451	RC	-62	360	66
Gambit	BRGR0150	493643	7913787	451	RC	-60	180	48
Gambit	BRGR0151	493675	7913799	452	RC	-60	180	48
Wolverine	BRWR0266	493721	7914914	459	RC	-59	196	192
Wolverine	BRWT0173	493724	7914850	450	RCDD	-62	176	240.5
Wolverine	BRWT0256	493676	7914979	452	RCDD	-61	188	435.6
Wolverine	BRWT0257	493725	7914862	452	RCDD	-62	187	324.6
Wolverine	BRWT0258	493600	7914900	451	RCDD	-60	192	300.6
Wolverine	BRWT0259	493600	7914853	450	RC	-60	189	144
Wolverine	BRWT0261	493675	7914823	451	RC	-60	186	120
Wolverine	BRWT0263	493601	7914926	454	RCDD	-60	198	340.9
Wolverine	BRWT0264	493621	7914953	456	RCDD	-61	197	391.7
Wolverine	BRWT0267	493724	7914914	459	RCDD	-59	188	351.6
Wolverine	BRWT0268	493569	7914948	456	RCDD	-60	188	354.6
Wolverine	BRWT0269	493572	7914928	454	RCDD	-61	189	331.8
Wolverine	BRWT0270	493751	7914877	453	RCDD	-60	187	303.4
Wolverine	BRWT0271	493755	7914921	460	RC	-60	194	228
Wolverine	BRWT0272	493594	7914952	456	RC	-60	190	150
Wolverine	BRWT0273	493563	7914971	456	RC	-60	194	180
Wolverine	BRWT0274	493547	7914902	453	RC	-60	194	162
Wolverine	BRWT0275	493542	7914933	456	RC	-60	197	138
Wolverine	BRWT0276	493541	7914958	457	RC	-60	199	174
Wolverine	BRWT0277	493651	7914946	452	RC	-65	197	210



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.

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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 HRE in xenotime mineralisation. In particular, the mineralisation includes high levels of dysprosium and yttrium, which are in short supply globally and expected to be increasingly sought after as world economies stabilise and recent trends in urbanisation and technology diffusion, particularly in Asia, accelerate. Following outstanding results from its drilling and metallurgical programs in 2012, the Company has delivered its maiden JORC resource, advancing Browns Range toward production, using a relatively simple and low cost processing flowsheet to produce a high grade mixed Rare Earth oxide. Northern Minerals also has a HRE exploration program underway at the geologically similar John Galt project.

For more information www.northernminerals.com.au

