NORTHERN STAR RESOURCES LTD
ABN 43 092 832 892

06 December 2007

ASX RELEASE | ASX CODE-NST

EMULL ZINC/COPPER PROJECT CONTINUES AT DEPTH

ASX Code: NST

Shares on Issue
77,473,712

Current Share Price
$0.13

Market Capitalisation
$10.0 M

September 2007 Cash
$1.70 M

DIRECTORS

Chris Rowe (Chairman)

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HIGHLIGHTS

► **Assay results from deep drilling at Emull confirm that shoots continue at depth with high-grade results including:**

RBC089 - 37m @ 0.82% Zn (0.35%Cu), inc. 3m @ 5.5% Zn (0.24% Cu) from 167m

RBC090 - 32m @ 1.12% Zn (0.28%Cu), inc. 2m @ 4.6% Zn (0.54% Cu) from 0m

RBC087 - 17m @ 0.75% Zn (0.41%Cu), inc. 2m @ 2.4% Zn (1.17% Cu) from 157m

► **Assays include broad intersections of low-grade copper**
- **172m @ 0.16% Cu**
- **80m @ 0.17% Cu**
- **56m @ 0.30% Cu**

► **Diamond Drilling planned for 2008**

Northern Star Resources Ltd (ASX: **NST** – "NST") is pleased to advise that a recently completed program of deeper drilling at its **Emull Zinc Project** in the East Kimberley region of Western Australia, has confirmed that zinc/copper mineralisation extends at depth, further upgrading the potential of the project.

NST has received the results from five RC percussion drill holes designed to test extensions of the mineralisation defined to date by shallow drilling. Significant mineralisation was recorded in **4 of the 5 holes**. The **Emull Prospect** lies within the Red Billabong Project, 45km west of Halls Creek in the East Kimberley region.

To date shallow drilling (<100m) by NST has confirmed higher grade zinc intersections in at least three separate "shoots" within a 500m long mineralised trend at Emull.

The most recent intersections show continuity of the mineralisation at depth and, together with the results reported earlier in the year, have clearly upgraded the potential of this prospect.

A program of 5 RC percussion holes (RBC-086 to RBC-090 totalling 954m) was completed along the Emull zinc mineralisation, where testing for higher grade shoots is ongoing (Figure 1). Three of the holes (RBC087 – 089) were designed to intersect the shoots at the deepest point that the drill rig was capable of (160-180m vertically). The recent drill holes have also confirmed a high grade core within broader lower grade mineralisation within each of the shoots.

Significant results include:

- 37m @ 0.82% Zn (0.35%Cu), from 167m,
including **3m @ 5.5% Zn** (0.24% Cu) RBC-089

- 17m @ 0.75% Zn (0.41%Cu), from 157m,
including **2m @ 2.4% Zn** (1.17% Cu) RBC-087

Hole RBC-090 targeted the southern shoot and was designed to test the strike extension to the east of the shoot. This extension was confirmed with the significant result:

- 32m @ 1.12% Zn (0.28%Cu), from 0m,
including **2m @ 4.6% Zn** (0.54% Cu) RBC-090

Further results are shown in Table 1 below.

Hole RBC-088 drilled through two zones of mineralisation. The 4m composite assays for the upper zone (Southern Shoot) returned 16m @ 0.65% Zn (0.28% Cu) from 72m. This hole continued to 240m (limit of rig capability) ending in mineralisation (Central East shoot). Re-assaying of 1m re-splits from these intervals is in progress.

Broad intersections of low grade copper were also recorded, including;

- 172m @ 0.16% Cu from 68m, RBC-088
- 80m @ 0.17% Cu from 116m, RBC-087
- 56m @ 0.30% Cu from 152m, RBC-089
- 36m @ 0.27% Cu from 0m RBC-090

Work to determine the nature and relationship of these copper results to the mineralised system has commenced. Diamond drilling is planned next year to assist in the geological interpretation of the structure and orientation of the mineralisation at Emull.

The latest drilling once again reinforced the potential for higher-grade shoots within the Emull mineralisation, with the deep drilling demonstrating the potential of the shoots to extend at depth. This system could be amenable to open cut mining and a simple flotation concentrate. Emull is a strategic asset to Northern Star given its location in the East Kimberley mineral province, and we expect that will continue to add value to the Company as we get closer to evaluating the resource potential mid next year

Bill Beament

Managing Director

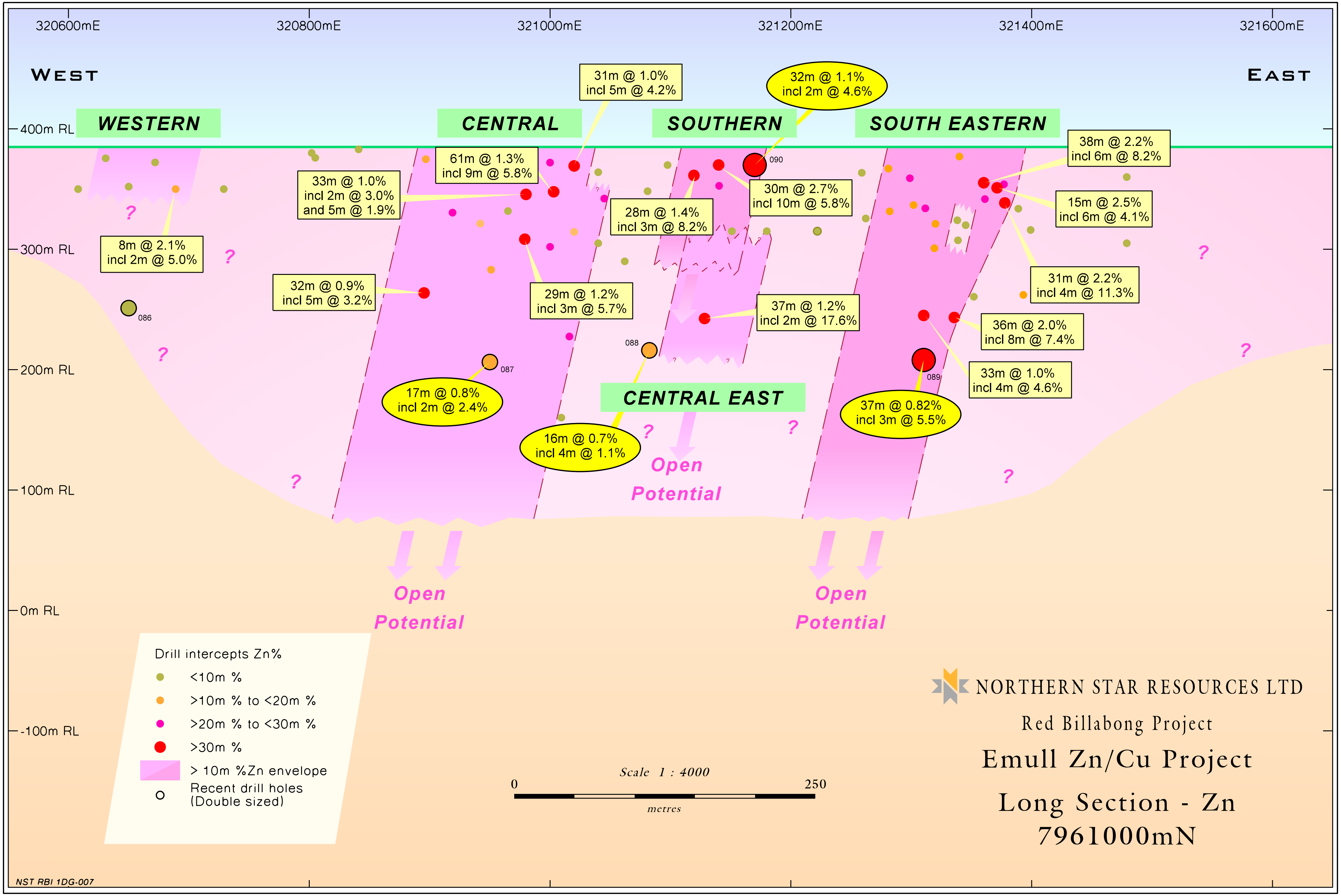
Information in this announcement is based on information compiled by Mr TW Ransted, MAusIMM, Non Executive Director of the Company, who is a competent person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Ransted is a full time employee of Multi Metal Consultants Pty Ltd and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken, and consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.

Table 1 RC Percussion Drilling 2007 –Emull Phase 4

Hole	EOH	Easting	Northing	From	To	Interv.	Zn	Cu	Pb	Au
		AGD66	AGD66	(m)	(m)	(m)	%	%	%	ppb
RBC086	180	320646	7960919	NSA						
RBC087	240	320949	7960974	152	169	17	0.75	0.41	0.13	89
including				157	159	**2**	**2.40**	**1.17**	0.12	70
RBC088	240	321100	7960882	72	88	16	0.65	0.28		
including				80	84	**4**	**1.11**	**0.34**		
RBC089	240	321300	7960804	162	199	**37**	**0.82**	**0.35**	0.19	100
including				167	170	**3**	**5.51**	**0.24**	0.19	56
RBC090	54	321160	7960955	0	32	32	1.12	0.28		
including				26	28	**2**	**4.61**	**0.54**	0.10	184

Holes drilled nominally at -60^0. 1 metre samples analysed for base metals using mixed acid digest and ICP-OES or MS finish. Hole RBC088 was assayed as 4m composites

NSA – No Assays > 0.5% Zn.


320600mE
320800mE
321000mE
321200mE
321400mE
321600mE
West
East
400m RL
300m RL
200m RL
100m RL
0m RL
-100m RL
WESTERN
CENTRAL
SOUTHERN
SOUTH EASTERN
CENTRAL EAST
31m @ 1.0%
incl 5m @ 4.2%
32m @ 1.1%
incl 2m @ 4.6%
61m @ 1.3%
incl 9m @ 5.8%
33m @ 1.0%
incl 2m @ 3.0%
and 5m @ 1.9%
38m @ 2.2%
incl 6m @ 8.2%
30m @ 2.7%
incl 10m @ 5.8%
28m @ 1.4%
incl 3m @ 8.2%
15m @ 2.5%
incl 6m @ 4.1%
8m @ 2.1%
incl 2m @ 5.0%
31m @ 2.2%
incl 4m @ 11.3%
32m @ 0.9%
incl 5m @ 3.2%
29m @ 1.2%
incl 3m @ 5.7%
37m @ 1.2%
incl 2m @ 17.6%
36m @ 2.0%
incl 8m @ 7.4%
33m @ 1.0%
incl 4m @ 4.6%
17m @ 0.8%
incl 2m @ 2.4%
37m @ 0.82%
incl 3m @ 5.5%
16m @ 0.7%
incl 4m @ 1.1%
086
087
088
089
090
Open
Potential
Open
Potential
Open
Potential
Drill intercepts Zn%
<10m %
>10m % to <20m %
>20m % to <30m %
>30m %
> 10m %Zn envelope
Recent drill holes
(Double sized)
Scale 1 : 4000
0
250
metres
NORTHERN STAR RESOURCES LTD
Red Billabong Project
Emull Zn/Cu Project
Long Section - Zn
7961000mN
NST RBI 1DG-007