

SUPPLEMENTARY INFORMATION - PLUTONIC PROJECT ACQUISITION

ASX ANNOUNCEMENT 13 January 2014

Australian Securities Exchange Code: **NST**

Board of Directors

Mr Chris Rowe
Non-Executive Chairman

Mr Bill Beament
Managing Director

Mr Peter O'Connor
Non-Executive Director

Mr John Fitzgerald
Non-Executive Director

Ms Liza Carpena
Company Secretary

Issued Capital

Shares 428M

Options 5M

Current Share Price \$0.925

Market Capitalisation
\$393 million

Cash/Bullion and Investments
30 Sep 13 - \$50 million

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Further to Northern Star Resources Limited's (ASX: **NST**) announcement in relation to the acquisition of the Plutonic Gold Project from Barrick Gold Corporation (Barrick) on 23 December 2013, the Company wishes to confirm that the information reported in relation to the Plutonic Gold Project Reserves and Resources was on the basis of a foreign estimate (Foreign Estimate) and as such not reported in accordance with the JORC Code. The following additional information is provided in accordance with Listing Rule 5.12 and should be read in conjunction with the announcement released on 23 December 2013.

1. The information provided in relation to Foreign Estimates was extracted from Barrick Gold Corporation's Annual information Form (AIF)(40F) for the year ended 31 December 2012 filed with the Canadian Securities Administrators dated 28 March 2013. The information has been reported by Barrick in accordance with Canadian National Institute 43-101 standards as described on page 25 of the AIF, and is publicly available at www.sedar.com.
2. The Company believes that the categories of mineralisation reported are similar to the JORC Code (2012) classification. The Foreign Estimates contain key assumptions for gold mining and processing, and in its current form is considered to be an accurate representation of the available data. This is the most recent Reserve and Resource Statement by Barrick and the mine has been in continuous operation since that statement was issued.
3. The Company considers the Foreign Estimates to be material to the Company, given its intention to increase its annual rate of gold production through the acquisition of the Plutonic Gold Mine, and the Company's need to identify and secure ongoing sources for the Plutonic Gold Mine processing facility. The Company also believes that the Foreign Estimates are relevant to Shareholders as they provide an indication of the current defined mineralisation and the potential of the Project at this date.
4. The Company believes that the Foreign Estimates are sufficiently reliable and consistent with estimation methodologies commonly used at the time of their estimation. Barrick, a world renowned gold mining company, reported the Foreign Estimates and was involved in the exploration and evaluation of deposits with significant expenditure having been incurred during that process. Barrick has significant experience in Australia and has a reputation for utilising highly developed and sophisticated systems, processes and reporting procedures to document their activities.
5. Information relating to key assumptions, mining and processing parameters, and methods used to prepare the Foreign Estimates can be reviewed in Barrick's AIF at www.sedar.com, in conjunction with historic NI-43 101 reports. The Plutonic Gold Mine has been in continuous operation for in excess of 20 years.
6. Following reasonable inquiry at the time of reporting the Foreign Estimates, the Company believes that the Foreign Estimates produced by Barrick in March 2013 have not been superseded by any later estimates, and at the time of this announcement Barrick are in the process of developing an updated 2013 foreign mineral resource and reserve estimate.

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7. Following completion of the acquisition (estimated to be 1 February 2014), it is Northern Star's intention to undertake an evaluation of the data to verify the Foreign Estimates as mineral resources or ore reserves in accordance with Appendix 5A (JORC Code).
8. The evaluation work is planned to be completed in 2014 and will be funded through internal cash reserves.
9. A Cautionary Statement is provided below.
10. A Competent Person's Statement is provided below.

Yours faithfully



BILL BEAMENT
Managing Director
Northern Star Resources Limited

GOLD MINERAL RESOURCES ²														
As at December 31, 2012														
Based on attributable ounces	MEASURED (M)			INDICATED (I)			(M) + (I)	INFERRED (Inf)			TOTAL (MI & Inf)			
	Tonnes (000s)	Grade (gpt)	Ounces (000s)	Tonnes (000s)	Grade (gpt)	Ounces (000s)	Ounces (000s)	Tonnes (000s)	Grade (gpt)	Ounces (000s)	Tonnes (000s)	Grade (gpt)	Ounces (000s)	
PLUTONIC GOLD PROJECT														
Underground														
Plutonic	289	4.8	45	2,087	11.0	736	780	2,672	11.2	966	5,048	10.8	1,746	
TOTAL	289	4.8	45	2,087	11.0	736	780	2,672	11.2	966	5,048	10.8	1,746	

Resources are exclusive of Reserves
 Gold Price \$USD 1650, FX 1.05 AUD

GOLD MINERAL RESERVES ³									
As at December 31, 2012									
Based on attributable ounces	PROVED			PROBABLE			TOTAL		
	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)	Tonnes (000's)	Grade (gpt)	Ounces (000's)
PLUTONIC GOLD PROJECT									
Underground									
Plutonic	345	7.0	77	633	6.3	129	978	6.6	206
TOTAL	345	7.0	77	633	6.3	129	978	6.6	206

Gold Price \$USD 1250, FX 1.05 AUD

Plutonic Resources (exclusive of Reserves) and Reserves as at 31 December 2012

Cautionary Statement

- The information is a Foreign Estimate and not reported in accordance to the JORC Code.
- a competent person has not done sufficient work to classify the Foreign Estimates as mineral resources or ore reserves in accordance with the JORC Code; but Northern Star notes the close similarity of the Canadian and JORC classification systems; and
- it is uncertain that following evaluation and/or further exploration work that the foreign estimates will be able to be reported as mineral resources or ore reserves in accordance with the JORC Code. This will require new estimates and future reporting to JORC (2012) after the completion of the asset sale.

Competent Persons Statements

The information in this announcement and the previous announcement released on 23 December 2013 that relates to Plutonic Gold Mine Mineral Resources and Ore Reserves is based on and fairly represents information supplied to Northern Star as a foreign estimate and reported in accordance with ASX Listing Rule 5.12 by Bernd Sostak, who is a member of the Australasian Institute of Mining and Metallurgy (111186) and who has sufficient experience that is relevant to the styles of mineralisation, the types of deposits under consideration and the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for the Reporting of Mineral Resources and Ore Reserves. Mr Sostak is a full-time employee of Northern Star Resources Limited and consents to the inclusion in the announcements of the matters based on this information in the form and context in which it appears which accurately reflects the foreign estimate as supplied to Northern Star.