NORTHERN STAR ACQUIRES HERMES GOLD PROJECT

NORTHERN STAR
RESOURCES LIMITED

ASX ANNOUNCEMENT
24 February 2015

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 Carpene
Company Secretary

Issued Capital

Shares 592.4 million
Options 3.9 million

Current Share Price A$2.08

Market Capitalisation
A$1.23 billion

Cash and Cash Equivalents
31 Dec 2014 - $119.1 million

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KEY POINTS

- **Northern Star agrees to acquire the Hermes gold project located within trucking distance of its Plutonic gold operations**
- **Deal includes 212,000oz of Indicated Resources at the Hermes deposit and surrounding exploration tenements, and a further 87,000oz of Resources on tenements elsewhere in WA's Bryah Basin**
- **Tenements known to host numerous walk-up drilling targets as well as additional exploration upside**

Northern Star Resources Limited (ASX: NST) is pleased to announce that it has entered into an agreement to acquire the Hermes gold deposit in WA from Alchemy Resources Limited (ASX: ALY).

Hermes is located in the Bryah Basin and within close proximity to Northern Star's Plutonic gold operations. It has a 212,000oz Resource and additional walk-up drill targets.

Northern Star has also entered into a Farm-in and Joint Venture agreement with Alchemy covering additional tenements in the Bryah Basin. These include the Wilgeena gold deposit which has an Indicated Resource of 87,000oz.

These Resources were calculated by Alchemy in line with JORC 2004 guidelines (refer to ALY announcement to the ASX 22 October 2012). Northern Star will immediately commence an exploration program aimed at both expanding the Resource and bringing it into line with JORC 2012 guidelines.

The acquisition is designed to provide additional near-surface mill feed for the Plutonic gold operations.

Under the terms of the agreement, Northern Star will:

1. pay Alchemy A$1.45M for the Hermes tenements,
2. acquire Alchemy shares valued at A$500,000 via a placement at 1.5 cents a share, giving Northern Star 15% of the Company and Board representation,
3. earn an interest of up to 80% in Alchemy's Bryah Basin project (excluding the areas under an existing Independence Group JV) by spending A$400,000 a year over three years, and
4. pay Alchemy a royalty of 1% of Net Smelter Return on refined gold recovered from the Hermes tenements in excess of 70,000 ounces and up to 90,000 ounces.

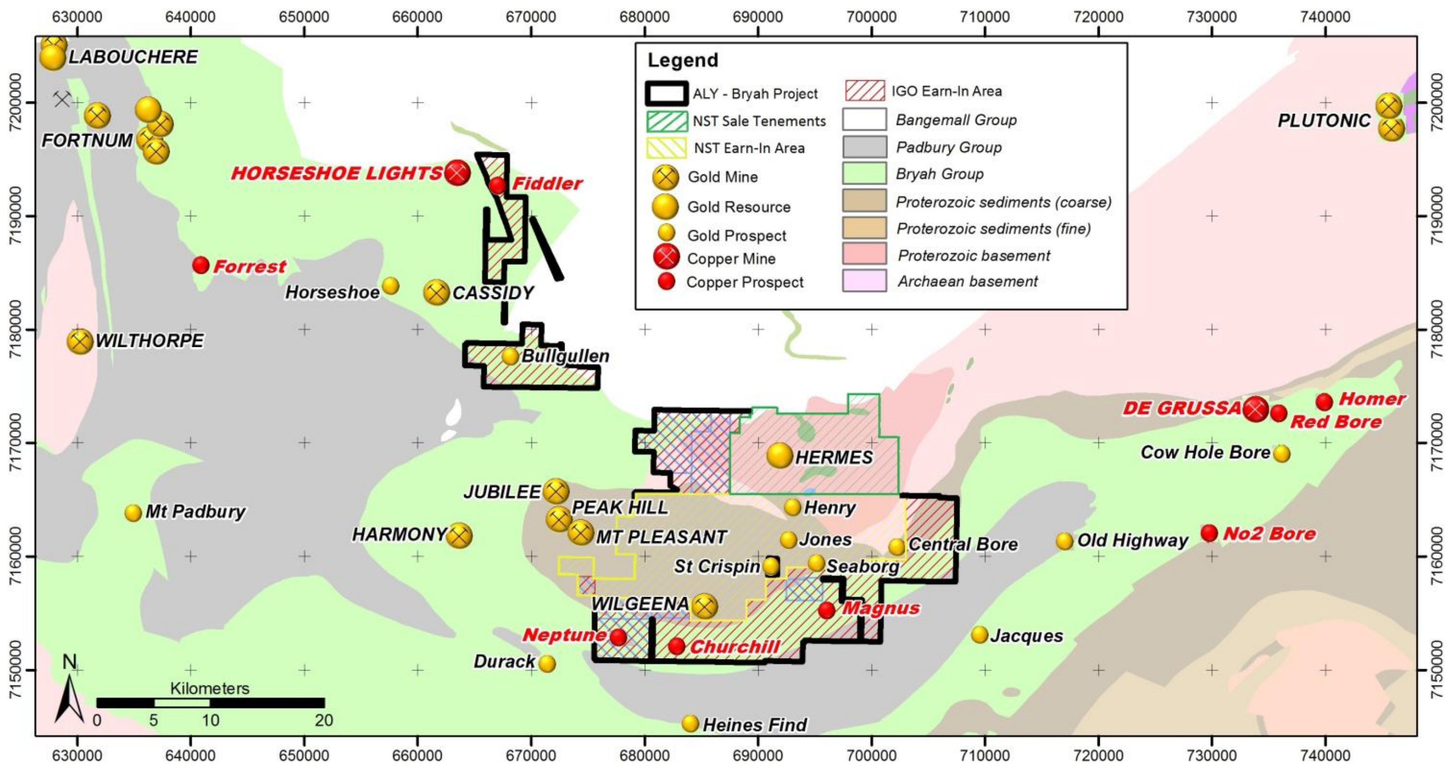

Figure 1: Location and geology of the Hermes gold deposit and other tenement areas within the Bryah Basin project area

The Hermes gold project comprises 136km^2 of mining and exploration tenements located approximately 70km by road from Plutonic. The Farm-In and JV agreement allows NST to earn up to 80% in an additional 219km^2 of both mining and exploration tenements located within the Bryah Basin by expending funds over a three year term.

Alchemy has submitted programs of work applications to enable a major program of both infill and extensional drilling of the Hermes deposit, and currently have permits in place for drilling at other known targets across the tenement base. Northern Star plans to begin these drilling programs in the first half of CY2015 to accelerate the upgrades to JORC 2012 standards.

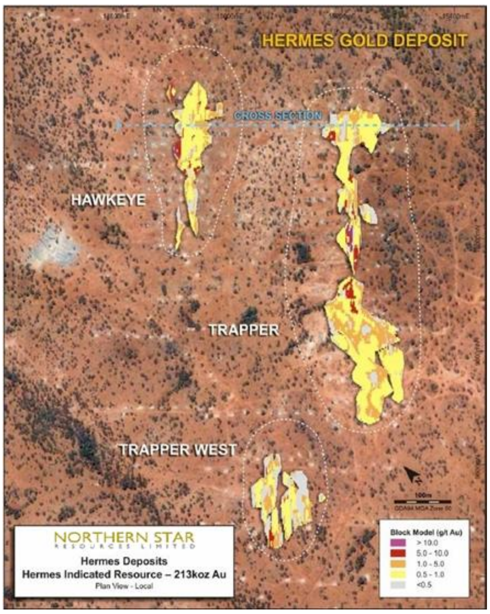

Figure 2: Plan view of the Hermes Gold Deposit and Indicated Resource model

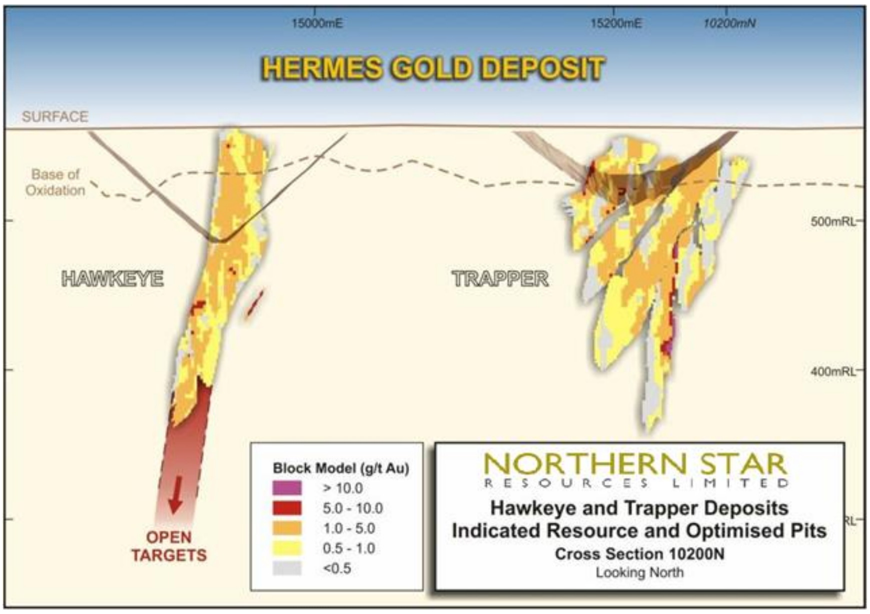

Figure 3: Cross section of the Hermes Gold Deposit

Yours faithfully

Bill Beament

BILL BEAMENT
Managing Director
Northern Star Resources Limited

Investor Enquiries:

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Competent Persons Statements

The information in this announcement that relates to exploration results is based on information compiled by Mr Simon Lawson, Member of the Australasian Institute of Mining and Metallurgy (AusIMM), who is a full-time employee of Northern Star Resources Limited. Mr Lawson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" for the Hermes deposit. Mr Lawson consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

Forward Looking Statements

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