



# ASX ANNOUNCEMENT

27<sup>th</sup> October 2015

Electronic lodgement

## COMPANY SNAPSHOT

**LODESTAR MINERALS LIMITED**  
ABN: 32 127 026 528

### CONTACT DETAILS

Bill Clayton, Managing Director  
+61 8 9423 3200

Registered and Principal Office  
Level 2, 55 Carrington Street  
Nedlands, WA 6009

PO Box 985  
Nedlands, WA, 6909

info@lodestarminerals.com.au

www.lodestarminerals.com.au

### CAPITAL STRUCTURE

**Shares on Issue:**  
336,207,602 (LSR)

**Options on Issue:**  
20,750,000 (unlisted)  
34,416,375 (listed - 31 Mar 2016)

ASX: LSR

### PROJECTS

*Peak Hill – Doolgunna:*  
*Camel Hills – gold*  
*Neds Creek – gold*  
*Marymia – gold*  
*Imbin – gold and base metals*



## EXPLORATION FOCUS ON PRIORITY GOLD TARGETS

### HIGHLIGHTS

#### CAMEL HILLS – BIG SKY

- **Review of Big Sky drill geochemistry underway in collaboration with leading independent consultant.**
- **RC drilling to follow-up recent discovery to be scheduled after completion of review.**

#### NED'S CREEK – MARYMIA

- **A 59 hole (3,600m) aircore drilling program planned for November.**
- **Program of Work submitted to Department of Mines & Petroleum.**
- **Heritage Survey expected to commence in mid-November with drilling to follow, on receipt of approval.**

West Australian gold and base metals explorer Lodestar Minerals Limited (ASX:LSR; Lodestar or the Company) provides the following update on exploration activities underway at its Camel Hill and Ned's Creek Projects.

#### CAMEL HILLS – Big Sky

The Camel Hills project is located within the Errabiddy Shear Zone at the boundary of the Archaean Narryer Terrane and Palaeoproterozoic rocks of the Glenburgh Terrane, 200 kilometres northwest of Meekatharra. Previous explorers identified strongly anomalous gold in soil and stream samples over a 6 kilometre by 2 kilometre area, centred on the Camel Hills tenement E09/2099 which contains the Big Sky gold prospect.

The discovery of high-grade gold mineralisation up to 47,050g/t gold in rock chip sampling (see Figure 1 and Lodestar's ASX announcement dated 28 August 2015) at surface has confirmed the potential for shear-hosted lode gold mineralisation within the Big Sky area. Recent RC drilling intersected high-grade mineralisation below the surface outcrop (see Lodestar's ASX announcement dated 20 October 2015) with best results of 6 metres grading 20.3g/t from 21 metres and 6 metres grading 6.6g/t from 13 metres. Follow-up RC drilling of these exciting results will commence as soon as possible. Multi-element geochemical data from the Big Sky RAB and RC drilling programs is being reviewed by an independent geological consultant in preparation for the follow-up drilling program.

An initial interpretation, based on widely scattered rock chip sampling, noted similarities to intrusion-related gold systems – extensive potassic alteration (biotite-magnetite) and characteristic geochemical indices and metal associations. The current review will analyse systematic variations in the multi-element data along the 600 metres of strike targeted by Lodestar's drilling. The results can be used to constrain and vector towards gold mineralisation at Big Sky and importantly, along the 12 kilometres of undrilled prospective contact within the Camel Hills tenement where there is scope for additional significant discoveries.

### **NED'S CREEK – Marymia**

The Marymia tenements form part of Lodestar's Ned's Creek project, located 170 kilometres north of Meekatharra and cover approximately 5 kilometres of strike along the tectonic southern margin of the Plutonic Well Greenstone Belt. The newly identified gold prospect is located 28 kilometres east of the Plutonic Gold Mine currently operated by Northern Star Resources Limited.

A program of aircore drilling to test anomalous gold and base metal geochemistry on the southern margin of the Plutonic Well greenstone belt has been submitted for Program of Work (POW) approval and heritage clearance. A heritage survey is scheduled for early November with drilling to follow on receipt of approvals.

The program comprises 59 holes for 3,600 metres on 10 traverses and will target three zones of gold and base metal anomalies in rock and lag sampling (see Lodestar's ASX announcement dated 21 September 2015).

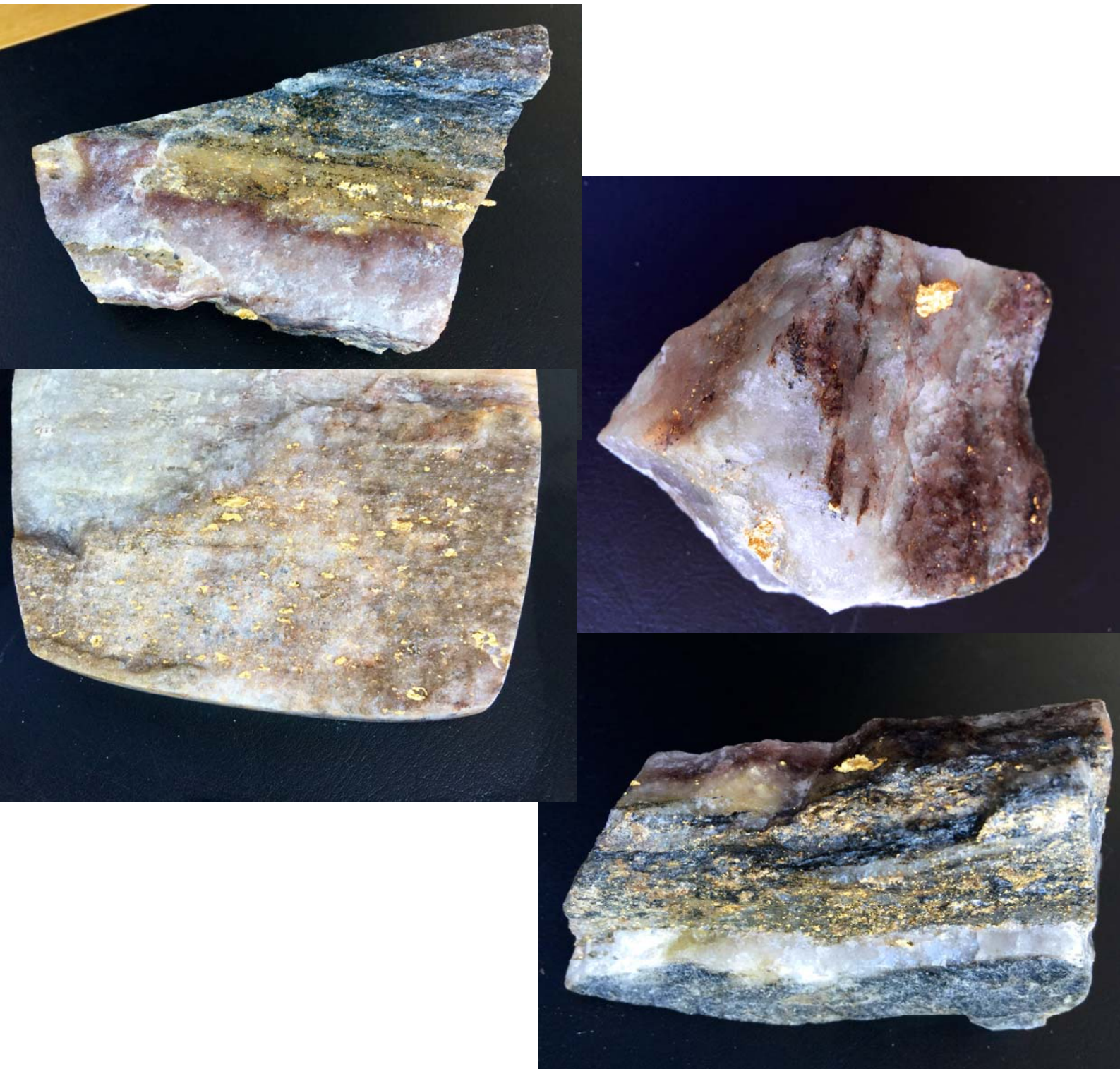
The targets are located in an area of high gold endowment, where there has been no historic exploration drilling.

**Bill Clayton**  
Managing Director

## Competent Person Statement

*The information in this report that relates to Exploration Results is based on information compiled by Bill Clayton, Managing Director, who is a Member of the Australasian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Clayton consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.*

*The information in this announcement that relates to previously released exploration results was disclosed under JORC 2012 in the ASX announcements dated 28<sup>th</sup> August 2015 “First-pass drill results from Big Sky Gold Prospect”, 21<sup>st</sup> September 2015 “New Priority Gold Target at Marymia” and 20<sup>th</sup> October 2015, “Big Sky RC Drilling results high grade gold”. The announcements are available to view on the Lodestar website. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.*



**Figure 1** Examples of gold mineralisation in rock samples recovered from the vein outcrop at Big Sky.