



# ASX ANNOUNCEMENT

13 August 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

[admin@lodestarminerals.com.au](mailto:admin@lodestarminerals.com.au)

[www.lodestarminerals.com.au](http://www.lodestarminerals.com.au)

### CAPITAL STRUCTURE

**Shares on Issue:**  
324,546,575 (LSR)

**Options on Issue:**  
20,750,000 (unlisted)  
36,077,402 (listed - 31 Mar 2016)

ASX: LSR

### PROJECTS

**Peak Hill – Doolgunna:**  
Base metals, gold

## FIRST-PASS RAB DRILLING COMPLETED AT BIG SKY

Lodestar Minerals Limited (ASX:LSR, Lodestar or the Company) advises that the RAB drilling and trenching program at the Big Sky gold target, located on the Company's 100%-owned Camel Hills tenements, is now complete.

The work targeted an auriferous contact zone over a distance of 600 metres (see Lodestar's ASX announcement of 24<sup>th</sup> June 2015) to confirm the presence of gold in previously untested bedrock concealed beneath a thin veneer of colluvial soil. The main purpose of this program is to identify bedrock gold anomalies related to shear-hosted lode gold mineralisation, for follow-up RC drilling.

Samples have been dispatched to the laboratory and initial results are expected to be available within the next two to three weeks.

Bill Clayton  
Managing Director





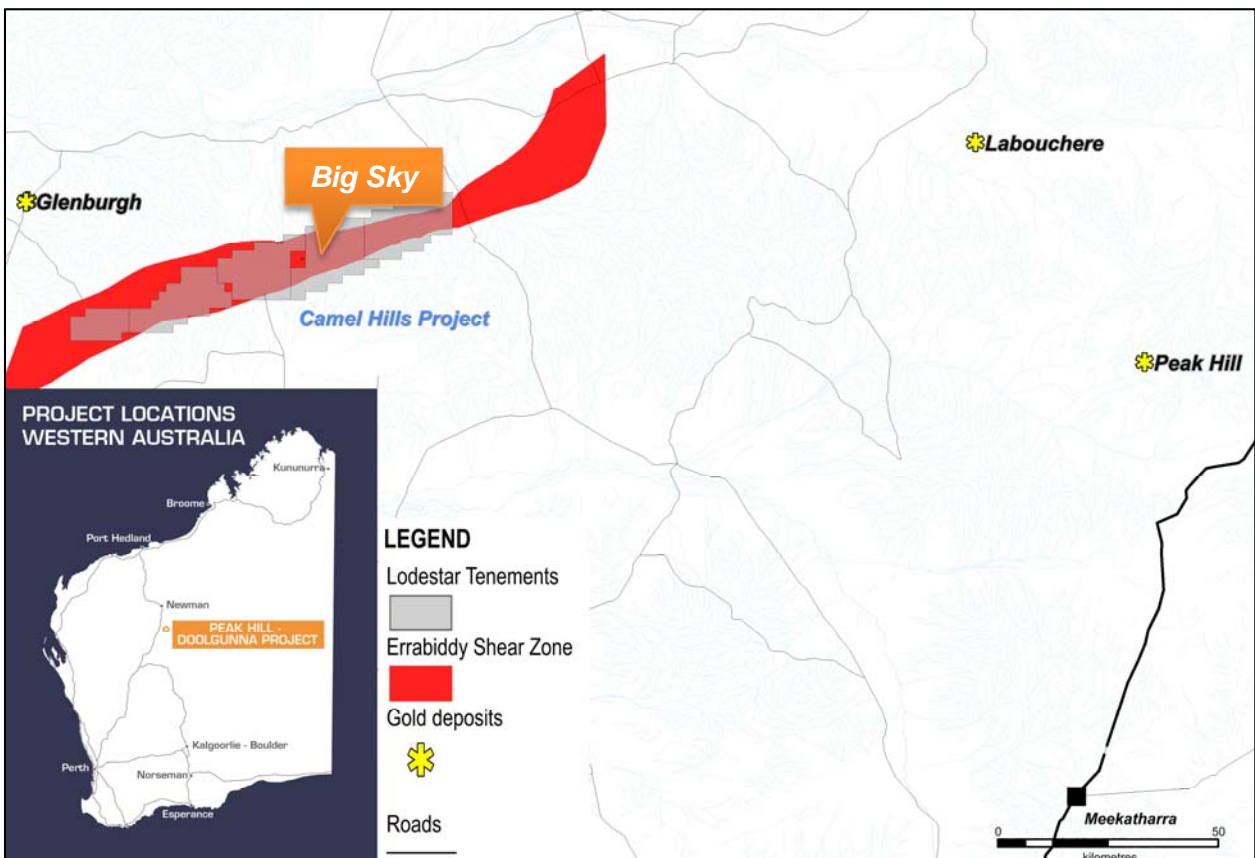
**Competent Person Statement**

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 Code 2012 in the ASX announcement dated 24 June 2015 “Drilling and Sampling Programme to Commence at Camel Hills Gold Target”. The announcement is 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.

**About Camel Hills**

The Camel Hills project is located 170 kilometres northwest of Meekatharra and 60 kilometres south and east of Gascoyne Resource’s Glenburgh gold deposits (1Moz Au). The Errabiddy Shear Zone is 5 to 20 kilometres wide and linked at depth to the Cardilya Fault, a major tectonic boundary between the Archaean Narryer Terrane and the accreted Palaeoproterozoic Glenburgh Terrane to the north. Re-worked craton margins are a favourable location for the formation of world-class orebodies, including orogenic gold deposits (e.g. Tropicana). The Errabiddy Shear Zone was reactivated during the collision of the Yilgarn and Pilbara cratons and is intensely deformed. Recent mineral systems prospectivity mapping by the GSWA has identified the Errabiddy Shear Zone as a favourable site for large-scale gold mineralisation, historic surface sampling that has identified strong gold anomalies associated with outcropping gneiss in the Big Sky area supports this view.





### **About Lodestar Minerals**

Lodestar Minerals Limited is a West Australian active explorer with projects in the Peak Hill district and bordering the northern Yilgarn margin. The Ned's Creek project forms the core of Lodestar's project portfolio and represents a strategic landholding of 830 square kilometres over the north eastern margin of the Yerrida Basin and the Jenkin Fault, a fundamentally significant regional fault system that is adjacent to the DeGrussa Cu-Au deposit.

The Ned's Creek tenements are located 170 kilometres north east of Meekatharra, 7 kilometres east of the Thaduna-Green Dragon copper mines being evaluated by Ventnor Resources and Sandfire Resources and 5 kilometres east of Sandfire Resources and Sipa Resources' Enigma copper discovery. The Yerrida Basin contains thick volcano-sedimentary sequences that are bounded by major structures, the Jenkin and McDonald Well Faults and there is good potential for large-scale base metal and gold mineralisation adjacent to these structures.

In 2013 Lodestar discovered significant gold mineralisation at the Contessa prospect. Contessa lies within a 5 kilometre long gold anomaly overlying Archaean greenstone, on the southern margin of the Marymia inlier. Lodestar believes that this structural position marks a major crustal break, a highly favourable environment for magma-driven metal accumulation during cyclic reactivation of a former continental margin represented by the northern boundary of the Yilgarn Craton.

The region has potential to host a number of styles of base metal and gold deposits and Lodestar has embarked on an aggressive exploration program to assess the potential of Ned's Creek and the tectonic margin of the northern Yilgarn Craton.

Lodestar is targeting palaeo-arc and back arc settings at Camel Hills and Imbin where historic exploration has identified gold and copper mineralisation, respectively.