



**KALGOORLIE-BOULDER
RESOURCES LTD**

ABN 48 106 732 487

ASX Announcement

ASX Codes: KAL, KALO

28 September 2007

COMMENCES 5,000 METRE DRILLING PROGRAMME AT NORSEMAN

Kalgoorlie-Boulder Resources Limited (the "Company") today announced that it had commenced the next phase of drilling at its 100%-owned Norseman Gold Project in the prolific Norseman - Wyluna Greenstone belt of the Eastern Goldfields in Western Australia.

The 5,000 metre drilling programme will target extensions of the existing inferred resources already delineated at Mt Henry and Selene as well as three highly prospective areas within the Norseman project area at Break O Day, Telegraph and Everlasting.

The current drilling programme is part of the 2007 drilling programme that is aiming to upgrade and increase the significant JORC mineral resources at Norseman. This work forms an integral component of the Company's ongoing scoping study into the development of the project.

The latest drilling programme at Norseman will be structured as follows:

- 1,500 metres at Mt Henry – resource definition drilling;
- 1,500 metres at Selene – resource definition drilling;
- 650 metres at Telegraph – exploration;
- 650 metres at Break O Day – exploration; and
- 650 metres at Everlasting – exploration.

The Company recently completed an initial 1,578 metre RC drilling programme at its North Scotia, Selene and Mt Henry deposits at Norseman. The data acquired from this drilling programme is now being modelled as part of the Company's latest JORC resource calculations at the Mt Henry deposit and has allowed further drill hole planning for the Selene.

The Company expects to be in a position to report the results of its updated resource calculations shortly. The Company also expects to report the first drilling results from this latest drilling programme in early November.

For further information, please contact:

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About Kalgoorlie-Boulder Resources

Kalgoorlie-Boulder Resources is an ASX-listed minerals exploration company primarily focused on its 100%-owned Norseman Gold Project and its Clinker Hill nickel exploration project NNE of Kambalda.

The Norseman Gold Project covers 124 square kilometres of the prolific Norseman - Wyluna Greenstone belt of the Eastern Goldfields in Western Australia. Norseman is the southernmost gold mining centre of the Norseman to Wiluna gold belt which hosts an endowment of over 270 million ounces of gold. The Norseman region has been a major gold producer with production in excess of 5.5 million ounces of gold from 1935.

The Norseman Gold Project contains a number of mineral resources at the Mt Henry, Selene and Scotia deposits where there are currently total inferred resources of 1.23 million ounces of gold.

Kalgoorlie-Boulder Resources is currently undertaking a drilling program and scoping study at the Norseman Gold Project designed to identify the various development options available to the Company.