



**KALGOORLIE-BOULDER  
RESOURCES LTD**  
ABN 48 106 732 487

**ASX Announcement**

**ASX Codes: KAL, KALO**

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### **CONFIRMS NICKEL SULPHIDE POTENTIAL AT CLINKER HILL**

Kalgoorlie-Boulder Resources Limited (the "Company") is pleased to announce extremely positive results from a recently completed soil sampling program at its Clinker Hill nickel project in the Kambalda nickel province.

The results show a significant 700ppm nickel anomaly that measures 900 metres by 100 metres in a possibly favourable embayment in the basal contact.

The program has also identified a 400ppm nickel anomaly which extends 5 kilometres along the basal contact. Both anomalies are coincident with copper, PGE's (platinum group elements) and cobalt.

The company considers these results to be highly significant as they demonstrate the strong potential for nickel sulphide mineralisation at Clinker Hill.

The Clinker Hill Project is located in a favourable geological setting on the western margin of the Bulong Ultramafic complex. The historic gold mining centre of Bulong is to the north of the project, the Blair nickel mine is 10 kilometres to the west and the Carnilya Hill nickel mine is 20 kilometres to the south.

A map of the location of the Clinker Hill Project is attached.

Previous mapping at the Clinker Hill Project has shown that there is a 7 kilometre strike length of relatively under-explored basal contact zone between the west facing Bulong Ultramafic Complex and a fractionated ultramafic/gabbro sill.

It is postulated that the basal contact may be the location for magmatic Ni-Cu-PGE sulphides deposited by the overlying magma in the sill or magma that

passed through the sill chamber. As has been found at Kambalda, nickel sulphides can form in situ by the reaction between the magma and sulphide bearing wall rocks.

The purpose of the sampling program was to test the basal contact zone and other areas at Clinker Hill for coincident nickel, PGE, copper and cobalt enrichment that can indicate magmatic nickel sulphide mineralisation.

Rock chip samples were taken from two gossans along the basal contact zone. The assays from these samples proved strongly anomalous in Ni, Cu, PGE, Ag and Au.

Previous drilling at Clinker Hill by Seltrust Mining in the 1970's returned the following results:

PDH-31	7.6 metres @ 0.2% Ni (including 3m @ 0.37% Ni and 0.018% Cu)
PDH-32	1.5 metres @ 0.47% Ni and 0.18% Cu
PDH-38	18 metres @ 0.27% Ni (including 6.1m @ 0.56% Ni)

A map of the location of the latest gossan sampling and the previous drilling is also attached.

Exploration at Clinker Hill is being directed by Dr Martin Gole, a consultant to the Company who has more than 30 years nickel exploration experience.

Over the coming months, further soil sampling will be undertaken in areas where the anomalies are open. In addition, a follow up electro-magnetic survey will be conducted at Clinker Hill to assist the identification of zones of massive sulphides that can then be drill tested.

**For further information, please contact:**

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*The information in this report that relates to Exploration Results is based on information compiled by Richard Breyley, who is a member of the Australasian Institute of Mining and Metallurgy. Richard Breyley is a full time employee of Kalgoorlie Boulder Resources. Richard Breyley has sufficient experience which is relevant to the style of mineralisation and the type of ore deposit under consideration and the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Mineral Resources and Ore Reserves. Richard Breyley consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

## CLINKER HILL PROJECT LOCATION



# CLINKER HILL SAMPLING RESULTS

