



# Cluff Resources Pacific NL

ABN 72 002 261 565

12 May, 2010

The Manager (Companies),  
Australian Stock Exchange,  
Sydney, NSW, 2000.

Dear Sir,

## **LARGE DIAMETER DRILLING AND BULK SAMPLING COMMENCES, DOCTORS CREEK, BINGARA**

Large diameter drilling has commenced at Bingara this morning to test the diamond content of the pelletal claystone sediments at Doctors Creek. These sediments were recently demonstrated by the Company to be carrying diamond indicator minerals.

The aim of the evaluation program is to produce an inferred resource of hard rock diamonds based on the drilling, together with larger quantities of diamonds from subsequent pitting. If successful, this would clearly demonstrate that there is potential for a mine at the company's diamond prospects at Bingara.

This will be achieved by drilling at four sites 100 to 200 metres apart in the Doctors Creek area. Holes will be drilled to depths of about 60 metres, using groups of four ten inch percussion drill holes at each site. The drilling program envisages the completion of the 16 percussion holes within a further 14 days. Samples from the four holes at each site will be bulked together over ten metres to produce composite samples of percussion chips which will be bagged and trucked to the Company's modified plant at Copeton for processing. About four tones of chips will be produced for each ten metres of depth. The processing should yield meaningful grade data. It is anticipated the initial processing of the first four tonnes will commence later this week.

A substantial hard rock pit to about ten metres depth is planned, to sample the most promising area identified by the drilling. The pit aims to extract hard rock diamonds in larger quantities, to determine their characteristics, and to assist in valuation of the stones. Further drilling of the pelletal claystone by the Company's coring rig will continue during this sampling and pitting.

The drilling contract has been let to Gricks Drilling from Casino, and processing will be carried out by Cluff personnel, using the Copeton plant. Contract crushing may be necessary for the drill chips, and will be necessary for material extracted from the pit.

The information in this report that relates to exploration results is based on information compiled by Peter John Kennewell, who is a corporate member of the Australasian Institute of Mining and Metallurgy included in a list promulgated by the ASX from time to time. Peter John Kennewell is a full time employee of Cluff Resources Pacific NL and 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 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Identified Mineral Resources, and Ore Reserves". Peter John Kennewell consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

For further information contact:

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Yours faithfully,

Peter Kennewell,  
Managing Director

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