

29 March 2010

Company Announcements Office  
Australian Securities Exchange  
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# ELECKRA MINES LIMITED

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Dear Sir / Madam

## **New Gold Geochemical Anomalies Identified East of Central Bore Gold Deposit**

Eleckra Mines Limited ("Eleckra") (ASX: EKM) is pleased to announce exciting results from a close-spaced geochemical soil survey carried out in January-February 2010 at the Central Bore prospect at its 100%-owned Yamarna Gold Project. The Yamarna Project is located approximately 150 kilometres east of Laverton on the eastern edge of the Yilgarn Craton and within the Yamarna Greenstone Belt.

**The soil geochemistry program has defined multiple, up to a 0.6 kilometre-long, gold anomalies that contain elevated gold values up to 0.84 g/t Au, between 200 metres and 1 kilometre east of the recently discovered Central Bore high grade gold deposit.**

The soil survey also confirmed the anomaly over the Central Bore gold discovery and identified possible northern extension further to the north along the strike.

The soil survey was a follow up to an earlier wide-spaced soil survey and a close-spaced survey on 20mE x 40mN **at the Byzantium prospect** (announced on 8<sup>th</sup> December 2009).

On 8 February 2010 Eleckra announced the strong 2.8 kilometre-long gold anomaly at **Hann Prospect**, 2.4 kilometres to the west of Central Bore gold discovery, with grades up to 2.1 g/t Au in the soils.

Eleckra now have three new high grade targets close to and surrounding the Central Bore high grade discovery from 2009. Eleckra intends to commence a 7,000-metre RC drilling program with targets at the Central Bore, Byzantium and Hann prospects in April 2010.

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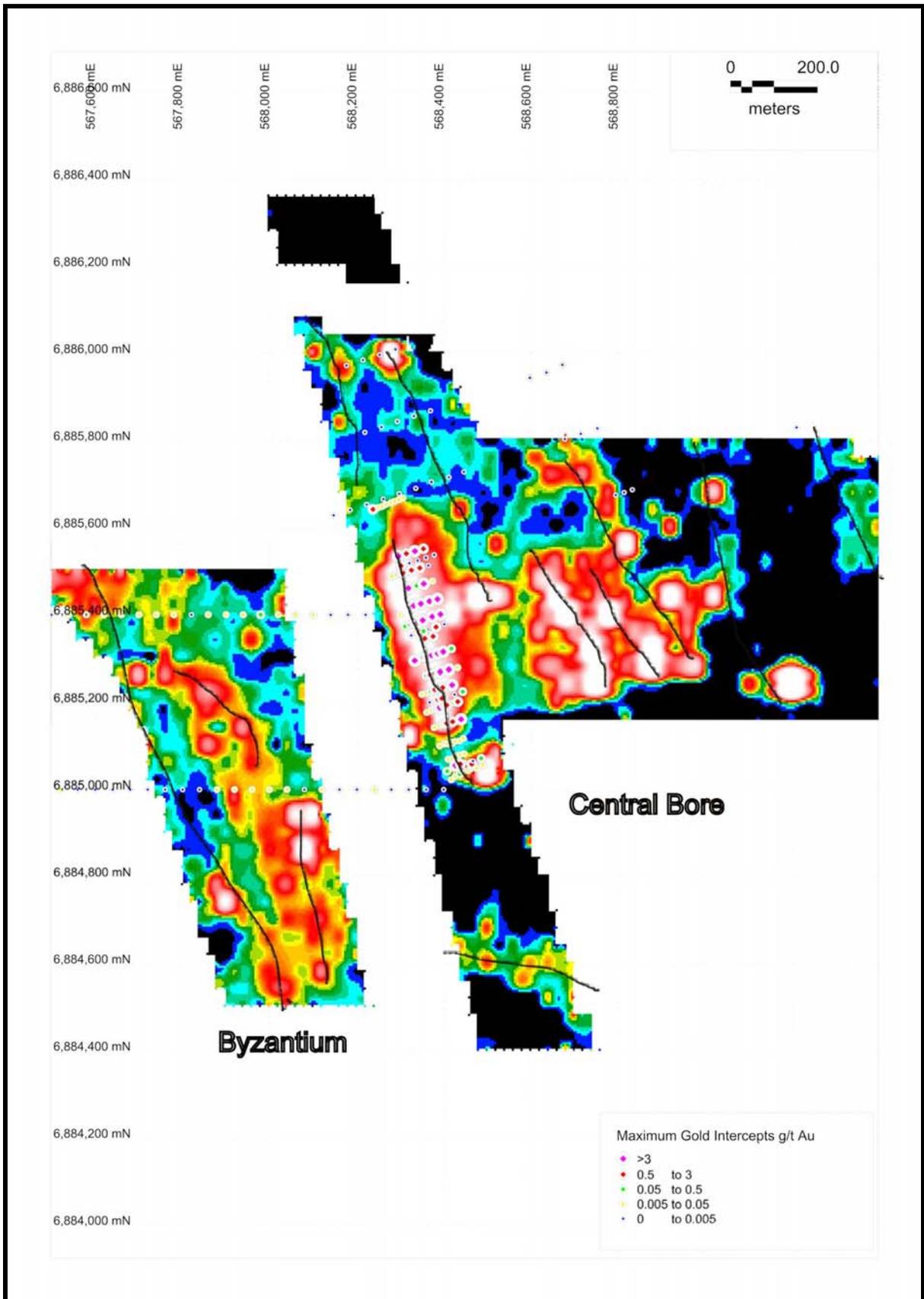
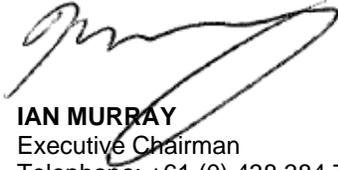


Figure 1. . Image of Unlevelled Gold Anomalies from the January-February 2010 Soil Survey at Central Bore Prospect Area. The large circles indicate maximum gold intercepts in 2009 RC holes at Central Bore Gold Deposit. The black lines show gold trends.

Yours sincerely



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Executive Chairman

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**NOTES:**

*The information in this report which relates to Exploration Results, or Mineral Resources is based on information compiled by Ziggy Lubieniecki, the General Manager of Eleckra Mines Limited, who is a Member of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Ziggy Lubieniecki has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Ziggy Lubieniecki consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.*

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