



21 October 2005

The Manager  
Announcements  
Company Announcements Office  
Australian Stock Exchange Limited  
PO Box H224 Australia Square  
SYDNEY NSW 2000

## **AURORA MINERALS LIMITED**

### **More Results from the Hazelbrook Joint Venture Project, New Zealand.**

- Interpretation of aeromagnetic survey confirms expanded prospective zone east of Backyard prospect
- Two anomalies identified at Te Mata prospect

Aurora Minerals Limited (ASX stock codes ARM and ARMO; NZX stock codes ARM and ARMOA) is pleased to announce details from the first phase of interpretation of data from its recently-completed aeromagnetic survey over the eastern part of the Hazelbrook Joint Venture Project in North Island, New Zealand.

The Company has added the preliminary magnetic interpretation to its geological mapping and soil and rock chip sampling results. Together these indicate that the Backyard gold prospect lies within an east-west trending corridor ("the Huia trend") confirming the company's original interpretation of this trend extending several kilometers, which it interprets as being the faulted northern margin of a large pull-apart rift basin.

The northern margin of the basin, a zone between 500 to 1500 metres wide, is marked by east-west faulting. It is also marked by clay-pyrite alteration of the basement sediments and volcanics, and has been intruded by four small rhyolite plugs. The rhyolites are clay-altered and two are being commercially mined for high quality specialty clays. In the south-east the basin is infilled with younger sediments and basalt flows.

The east-west epithermal quartz veins at the Backyard prospect lie within the northern part of this 500-1500m wide zone, which appears to extend several kilometers to the east.

Aurora Minerals' geological team is currently prospecting within this favorable zone and more results can be expected from this work over the coming months.

### **More soil results from Backyard prospect**

Results from infilling of the existing soil sampling grid at Backyard to 100m by 50m sample spacing confirms the typical erratic, low level gold and arsenic anomalies under the dairy pastures. The Company is preparing an application for Resource Management Act consent for drilling.

### **Soil results from Te Mata prospect**

The Te Mata prospect is 10kms south from Backyard prospect. Te Mata lies on the faulted western margin of the same pull-apart basin referred to above, indicating that the basin margins are a significant exploration target.

The initial phase of the aeromagnetic data interpretation suggests the gold prospective fossil hot-spring system at Te Mata lies along a prominent NW trending structure where it is intersected by NE and E-W trending structures.

At Te Mata gold values in the surface soils are typically subdued so the Company is analysing the soil for arsenic as a pathfinder to underlying gold mineralisation.

The sampling has outlined two anomalies:

ANOMALY 1 trends north-west over an area of :

- 1000m long by 100-300m wide within the +20ppm As contour,
- with an inner zone 500m long by 300m within the +100ppm contour,
- maximum value 341ppm As
- coincides with clay and pyrite altered lacustrine sediments.

ANOMALY 2 is a smaller south-west trending arsenic anomaly of +20ppm over an area of:

- 400m long by 150m wide , and
- maximum value of 436ppm As,
- trends SW from the fossil hot-spring outcrop.

Both anomalies are open to the north.

Interpretation of the aeromagnetic data is ongoing to assist in identifying additional targets within the Hazelbrook permit area.

Yours faithfully



Robert S Taylor  
Managing Director

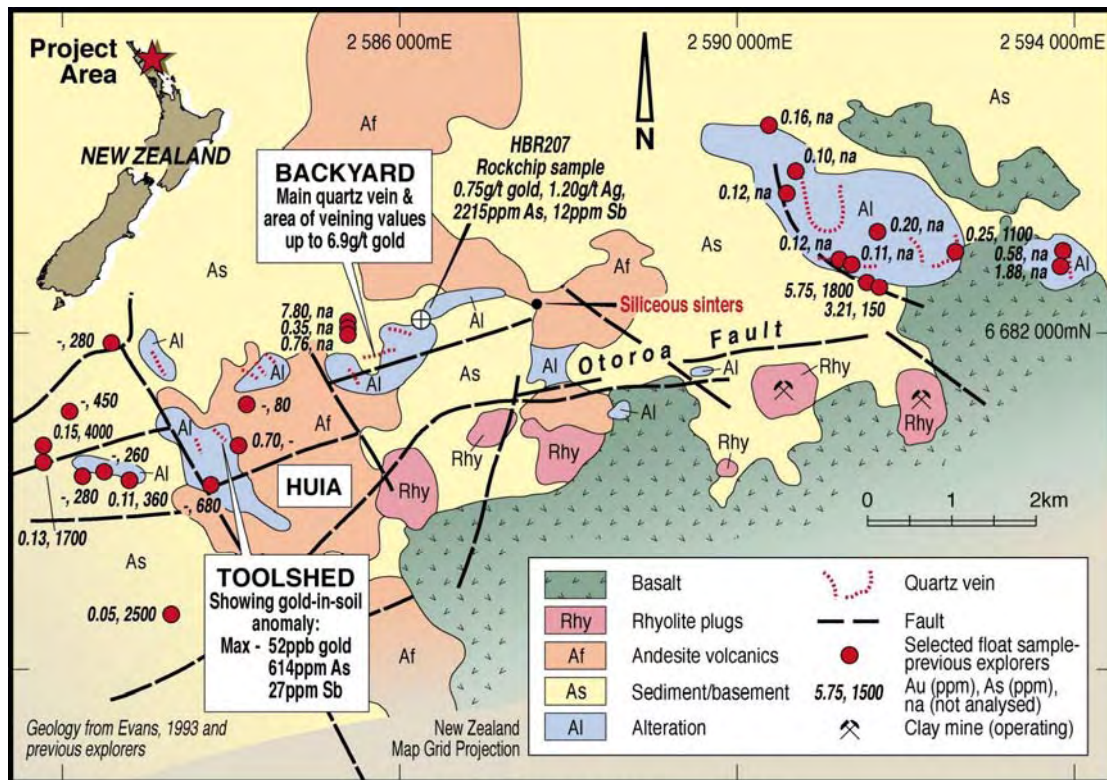
The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Robert S Taylor, a Member of The Institute of Materials, Minerals and Mining and Mr Garry P O'Hara, a corporate member of the Australasian Institute of Mining and Metallurgy.

Robert Taylor and Garry O'Hara have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Robert Taylor and Garry O'Hara consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

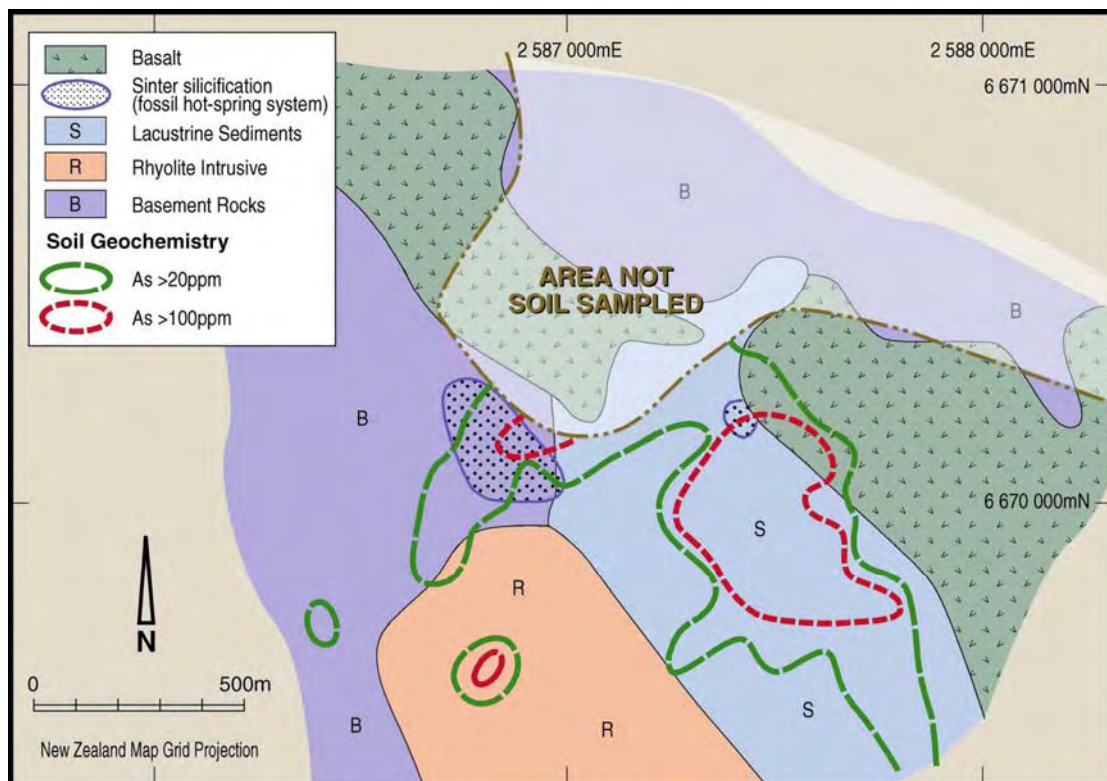
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Hazelbrook PP39/270: Huia Trend



Hazelbrook PP39/270: Te Mata Prospect  
Interpreted Geology and Soil Arsenic Anomalies