



# ASX Announcement

15 July 2010

## Board

Mr Peter Jermyn

### Chairman

Mr Malcolm Macleod

### Director

Mr Robert Hyndes

### Director

Mr Lynton McCreery

### Company Secretary

## Contact Details

### Astro Resources NL

16 Southport Street,  
West Leederville  
WA 6007

### Postal Address

PO Box 1417,  
West Leederville  
WA 6901

T: +61 8 6389 5700

F: +61 8 9381 4944

E: [admin@aro.com.au](mailto:admin@aro.com.au)

### Website

<http://www.aro.com.au/>

### ABN

96 007 090 904

### Share Registry

#### Link Market Service Limited

Level 12, 178 St Georges Tce,  
Perth WA 6000

### Media Contact

Mr Robert Hyndes

### Director

### ASX Code

ARO

### Market Cap (14/07/2010)

\$9M (\$0.006/share)

### Cash

A\$2.2m

## ▶ Aeromagnetic Survey Updates

Astro Resources NL ("Astro" or the "Company") is pleased to announce the completion of low-flying aeromagnetic surveys over North Doolgunna Gold and Macphee Creek Projects.

- ▶ North Doolgunna:
  - independent geological interpretation underway
  - preliminary internal assessment has identified several potentially significant anomalies
- ▶ Macphee Creek:
  - independent interpretation to commence this week, expected completion 3- 4 weeks

### North Doolgunna Gold Project

In April 2010, the Company completed the acquisition of North Doolgunna Metals Pty Ltd ("NDM").

NDM holds a majority interest (60% via joint venture) in the North Doolgunna Gold Project (the "NDM Project") consisting of tenement applications E52/2480-2 (inclusive) located in the prolific Peak Hill Goldfields district.

Immediately following completion of the acquisition, the Company commissioned a low level, detailed aeromagnetic survey to then be integrated with existing high definition, open file geophysical data of the region flown by previous explorers.

The survey has now been completed and the survey results are currently the process of being interpreted by the Company's independent geologist who, in turn, is correlating the existing open file data with the new aeromagnetic and radio-magnetic data as well as incorporating historical geochemical analysis and other acquired and relevant existing open file data.

***Internal preliminary assessment by the Company has highlighted several potentially significant anomalies, which occur within the NDM Project boundaries.***



It is expected that the detailed independent geological interpretation will be available within the next 2 - 3 weeks.

The Company is moving through the required native title process and immediately following the requisite grant, the Company will undertake an extensive work program on the identified areas of interest in order to identify priority targets.

A sample of the integrated imagery (existing open file data and new aeromagnetic data) is attached to this announcement.

### **Macphee Creek Project**

The Macphee Creek Project (exploration lease 80/3243) is located in the Kimberley region of Western Australia (approximately 130kms from Kununurra).

In November 2009, the Company commissioned Thomson Aviation to undertake a survey over the exploration lease area of approximately 4,300 line kms. The survey was discontinued in December 2009 due to deteriorating weather conditions. A total of 3,321 line kms were flown primarily over the northern section of the lease.

Subsequently, an independent geologist was commissioned to conduct a preliminary desktop exploration assessment – resulting in the identification of a total of 85 U/Th ratio responses grouped into 38 anomalies within the northern section of the tenement (see announcement dated 19 April for further details).

Astro is pleased to announce that Thomson Aviation has now completed their survey over the southern region of the tenement – an additional 1,300 line kms were flown including additional survey lines, flown parallel to the steep terrain in the northern section.

Go to the Company website [www.aro.com.au](http://www.aro.com.au) and click on the link on the home page to see the aerial survey in action.

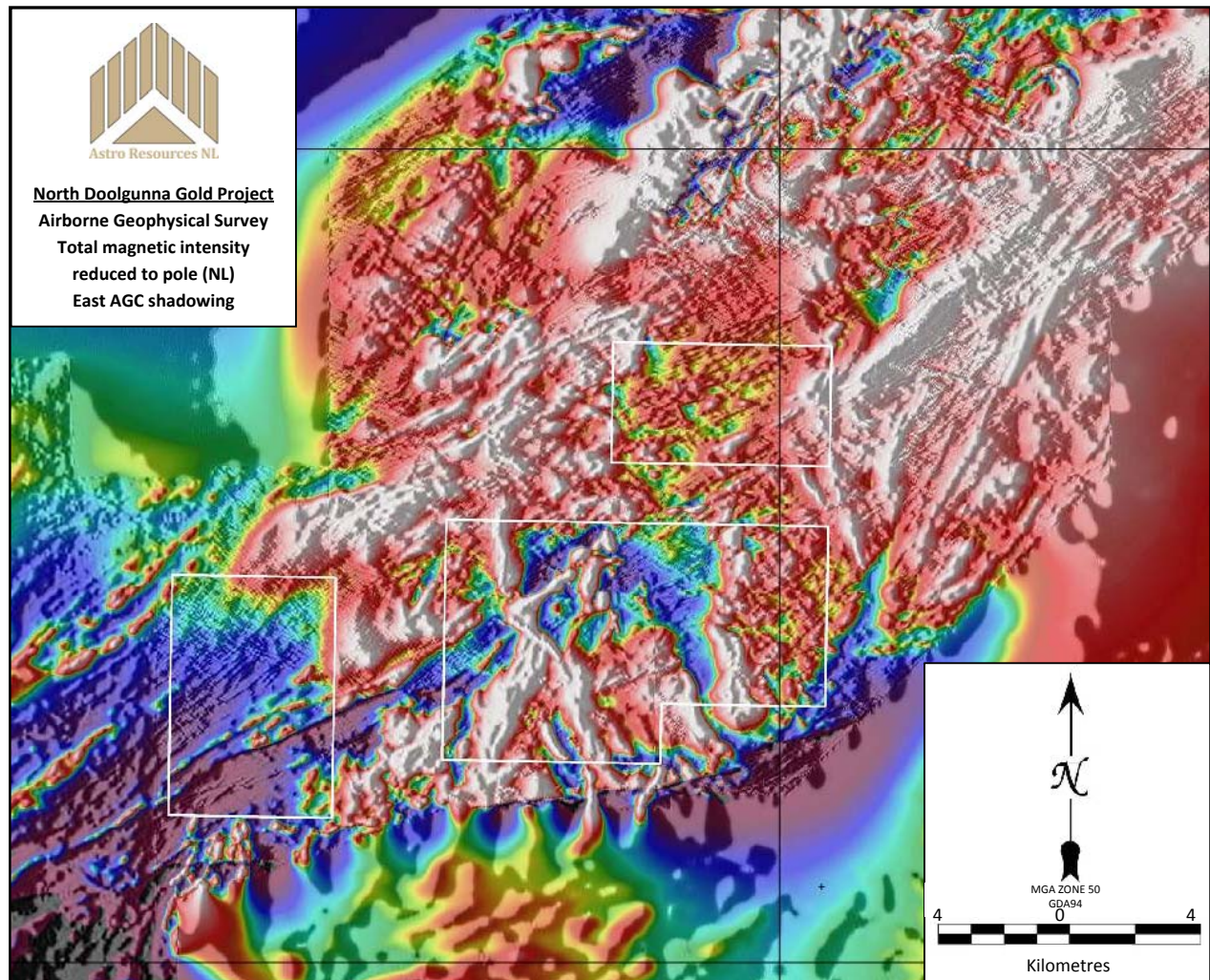
The Macphee Creek survey data is now being processed and will be provided to Southern Geoscience Consultants for geophysical interpretation of the next 2 weeks. A complete geological assessment will be undertaken over the entire data set (including the previous data) – which is expected to be completed within the next 4-6 weeks.

The Company intends to undertake its programmed comprehensive field survey in the current field season.

Yours Sincerely,

A handwritten signature in black ink, appearing to read 'R. Hyndes', with a long horizontal stroke extending to the right.

Robert Hyndes  
**Director**



*The information in this report, insofar as it relates to mineral exploration activities, is based on information compiled by Malcolm Macleod, who is a member of the Australian Institute of Geoscientists, and who has more than five years experience in the field of activity being reported on. Mr Macleod is a full-time employee of the Company. Mr Macleod has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as a Competent Person as defined in the 2004 edition of the 'Australian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves'. Mr Macleod consents to the inclusion in the report of matters based on his information in the form and context in which it appears.*