



Astro Resources NL

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3 February 2009

The Manager
Company Announcements
ASX Limited
Level 6, 20 Bridge Street
Sydney NSW 2000

By e-lodgement

Macphee Creek Update

Astro Resources NL (ASX: ARO) is pleased to provide an update on its uranium project located within lease E80/3243 at Macphee Creek in the East Kimberley region of Western Australia.

In November 2009, Astro commissioned Thomson Aviation to carry out an expansive, high resolution, low-level aerial radiometric and magnetic survey over the project area. Weather conditions, prevented that survey from being totally completed, with the southern section still to be completed.

Results from an independent interpretation of the available current data over the northern and central sections are highly encouraging and confirm:

- Elevated levels of uranium/thorium exist at a number of sites within the tenement boundaries.
- While some of these results are co-incident with previously identified uranium/thorium occurrences, a significant number of additional new sites of interest, have now been outlined
- A large, significant radiometric anomaly, not previously recognized, has now been identified. The anomaly is now seen to correspond with an outcropping ridge of granite rock.
- The magnetic data indicates that the granite rock unit, which comprises a large portion of the tenement area geology, lies predominantly under soil cover.
- The anomaly therefore provides not only a significant exploration target in its own right, but its occurrence within the granite, combined with the geographical spread of uranium sites of interest, indicates a high potential for further targets being located in the granite, beneath the soil cover

Completion of the interpretation on the northern and central areas is expected within two weeks. The survey over the southern section will be completed as soon as the weather permits. Based on the highly encouraging results, however, the Company has now determined, to significantly expand that programme.

A substantial gridding and sampling programme covering, in particular, the recently identified major anomaly, will be instigated in the coming field season to define drill targets.

About Macphee Creek

- Acquired in Nov 09 - held by MacPhee Resources Pty Ltd
- Located in East Kimberley – 130kms from Kununurra
- Centered on belt of Proterozoic granite
- 6 documented U308 occurrences
- Returned sample assay values up to 0.85% U308 and high scintillometer readings
- Nature of mineralisation provides potential for large tonnage and high-grade resource
- Successful native title negotiations
- Potential for gold mineralisation exists in the south of the EL.

Competent Person Statement

The information in this announcement, 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 undertaking to quality as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Macleod consents 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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LEGEND

- KNOWN URANIUM SITES OF INTEREST
- POTENTIAL NEW URANIUM SITES OF INTEREST
- POTENTIAL NEW URANIUM ZONES OF INTEREST
- PLANNED CURRENT SURVEY OUTLINE

ASTRO RESOURCES NL
LISSADELL PROJECT
KIMBERLEY REGION, WA
PRELIMINARY U/TH IMAGERY
WITH KNOWN AND POTENTIAL NEW SITES
OF INTEREST
1:50000 - RNM 12/2009