



# Western Plains Gold Ltd

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The Company Announcements Office  
Australian Stock Exchange Limited  
Exchange Centre  
Level 6, 20 Bridge Street  
SYDNEY NSW 2000

Dear Sirs

## EXPLORATION UPDATE

Western Plains Gold Ltd advises that it:

- has commenced exploration activities at its Kalabity uranium-IOCG-REE project in South Australia;
- will commence diamond drilling at its Achilles 1 prospect in its Lake Cargelligo gold project in New South Wales today; and
- expects to commence RC percussion drilling at its Fairy Hill and Yalcowinna Creek prospects in its Euriowie project before the end of November.

### 1. Kalabity

WPG will earn a 50% interest in EL 3297 by spending \$300,000 and has committed to spend a minimum of \$150,000. The location of the project area is shown in Figure 1.

The Kalabity project area is prospective for uranium and rare earth element (**REE**) mineralisation, and for iron-oxide copper-gold (**IOCG**) deposits. Outcropping uranium mineralisation associated with a zone of quartz veining extending over a two kilometre strike length was discovered at the KR4 prospect within EL 3297 by a previous explorer. A bulk sample of radioactive float material collected along 1.5 kilometres of strike assayed 3.46% uranium, 1.75% cerium and 2.75% lanthanum.

The Company's fieldwork commenced on 7 November 2005. The program consists of:

- Regional sampling on a 500 metre by 500 metre grid with sample sites dropped out of the pattern where there has been previous lag and or rock chip sampling done and where closer spaced sampling is planned. There are a total of 383 sites in this pattern;

- Detailed sampling on a 100 metre by 100 metre pattern over areas generally of the order of 0.5 kilometres square to follow up on the best anomalies from previous lag, rock chip and airborne radiometric surveys. There are a total of 14 grids in this pattern for a total of 588 sample sites; and
- Detailed sample traverses with sample spacing at 100 metres to sample across the redox boundary, the interpreted fold hinge zones and the major Kalabity Fault structure. There are a total of 23 traverses in this pattern for a total of 371 sample sites.

All samples will be collected using an auger and will be analysed for a wide range of elements including REE. A hand held scintillometer will be run over cuttings to check for anomalous radioactivity on subsurface material.

## **2. Achilles 1**

The Achilles 1 prospect lies at the southern end of a 14 kilometre long shear zone with strong sericite-pyrite alteration in Palaeozoic sediments and volcanic rocks. It is prospective for shear hosted gold and gold-base metal deposits similar to that at The Peak mine at Cobar. It lies in EL 6367 which is 100% owned by WPG.

Two inclined diamond holes will be drilled, commencing today. The first of these will be drilled to a depth of 250 metres. The second hole will be drilled to a depth of 300 metres. Both holes will test surface geochemical anomalies that coincide with outcrop of intense silicification and sericite-pyrite alteration within the prospective shear zone.

This diamond drilling program is expected to take about one month to complete.

## **3. Fairy Hill and Yalcowinna Creek**

The Fairy Hill and Yalcowinna Creek prospects lie in EL 5771 at Euriovie near Broken Hill. WPG has the right to earn a 60% interest in the project by spending \$750,000 and has agreed to spend a minimum of \$200,000.

The Company completed RAB drilling programs at the Fairy Hill and Yalcowinna Creek prospects in October.

Results of the RAB drilling program at Fairy Hill have outlined a strong coherent copper anomaly that is generally co-incident with the mapped mineralized zone. The anomaly is open at both ends. Six RC percussion holes for a total of 620 metres on two sections have been planned and will provide an initial test of the oxide, supergene and primary zones beneath the anomaly peaks.

The Yalcowinna Creek RAB drilling program also outlined a strong coherent bedrock copper anomaly that is 600 metres long and provides good targets for the first round of RC drilling. The anomaly clearly extends beyond the limits of the current sampling and extensions to the RAB drilling will be required to close the anomaly at either end. Nine RC percussion holes for a total of 965 metres on three sections have been planned to test of the oxide, supergene and primary zones beneath the anomaly peaks.

Contour maps of these anomalies are included in the WPG September Quarterly Report that may be downloaded from the Companies' web site at [www.westernplainsgold.com.au](http://www.westernplainsgold.com.au).

This RC drilling program is expected to be completed by mid-December 2005.

Yours faithfully



R H Duffin  
Chairman



Gary J Jones  
Technical Director

***Competent Person***

*The review of exploration activities and results contained in this report is based on information compiled by **Mr Gary Jones**, a Member of the Australasian Institute of Mining and Metallurgy. He is a director of the Company and a full time employee of Geonz Associates Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code).*

***Further Information***

*For further information please contact Bob Duffin, Chairman, on (02) 9251 1044 or 0412 234 684, or Gary Jones, Technical Director, on 0410 358 280 or 001164 21 455 678.*