



PLATSEARCH NL

ACN 003 254 395

26 April 2005

QUARTERLY REPORT FOR PERIOD ENDED 31 MARCH 2005

HIGHLIGHTS

- **Western Plains Gold (WPG)** lodged its Prospectus on 3 March 2005 to raise \$4.8 million dollars by the issue of 24 million shares and intends to be listed on the Australian Stock Exchange. Following a successful listing by WPG, PlatSearch will hold approximately a 19% interest in WPG. During the first year following the listing, WPG will complete substantial exploration work and drilling costing at least \$758,000 on the **Trundle, Redan, Mulyungarie** and **Euriowie** tenements. This work is scheduled to commence in May 2005 immediately following WPG's listing. **Each PlatSearch Shareholder has the priority entitlement to apply for not less than 10,000 New Shares and not more than 50,000 New Shares in Western Plains Gold** at an Offer Price of \$0.20 each for a total subscription amount of not less than \$2,000 and not more than \$10,000 pursuant to the PlatSearch Priority Right, details of which are set out in the Prospectus. **The offer opened on 11 March 2005 and closes on 10 May 2005 and drilling will commence shortly thereafter.** The WPG prospectus can be downloaded from the website www.westernplainsgold.com.au or a hardcopy requested from PlatSearch.
- Joint venturer Red Metal has advised that drilling, to test Olympic Dam style targets at the "Big Bang" and "Super Nova" prospects on PlatSearch's **Callabonna** and **Quinyambie** tenements, is now scheduled to commence in late April 2005.
- PlatSearch has commenced field work to investigate the KR4 uranium prospect in the **Kalabity** tenement, SA. A bulk sample of patchy radioactive float material collected by PlatSearch over a 1.5 kilometre strike length assayed 3.46% uranium, 1.75% cerium and 2.75% lanthanum. A programme of calcrete sampling to investigate the application of this technique to the search for uranium in this tenement commenced in early April 2005.
- A joint venture agreement was signed with Newcrest Operations Ltd regarding the **Frome** and **Poverty Lake** tenements in South Australia. Newcrest will commence drilling as soon as a drilling contractor can be engaged.
- Following its successful fund raising and ASX listing joint venturer Marathon Resources is planning further work, including at least one basement drillhole on the **Coondambo** project in the Gawler Craton, SA.

CURNAMONA PROVINCE/BROKEN HILL, NSW AND SA

Mundi Mundi, NSW and Mulyungarie, SA - EL 4657 PlatSearch 100%, and EL 2776 PlatSearch 80%, Eaglehawk 20%, WPG can earn 60%

PlatSearch has completed detailed gravity and ground magnetic surveys over the K1 Prospect. The results confirm the presence of a large ironstone body considered to have potential to host iron-oxide associated copper-gold mineralisation. Targets have been defined for two inclined core holes to 350-400 metres depth. This drilling is scheduled to commence in May 2005 following the listing by joint venturer WPG.

Stephens-Centennial, NSW - EL 6132, PlatSearch 48%, Triako 40%, Eaglehawk 12%; Sipa can earn 70%. Endeavour Minerals has a 1.5% NSR in 4 units of the EL area only

Joint venturer Sipa Exploration advised that it is negotiating with a major company regarding that company's introduction into the Stephens-Centennial joint venture to undertake a deep drill test of a strong gravity anomaly.

Hillston, NSW - EL 6363, PlatSearch 80%, Eaglehawk 20%; Perilya can earn 80%.

Joint venturer Perilya has completed extensive soil and RAB geochemistry over the Hillston tenement located approximately 50 kilometres south-west of Broken Hill. This work has identified a good percussion drilling target at the old Coultra Copper Mine where RAB drilling intersected anomalous copper up to 1.9%.

Callabonna, SA - EL 2886, PlatSearch 100%; Red Metal can earn 70%

Gravity data collected by Red Metal over the Callabonna tenement shows a previously unrecognised, 6.5 milligal gravity high coincident with a magnetic anomaly. The anomaly, referred to as the Big Bang target, is located along a regionally significant fault which hosts iron-oxide copper-gold (IOCG) style mineralisation along its strike. Previous drilling by PlatSearch in the adjoining Quinyambie tenement targeting a much lower magnitude magnetic and gravity anomaly (1 milligal) along the same fault intersected a hydrothermal volcanic breccia averaging 0.06% copper over a 200 metre interval with selective small intervals returning grades up to 3.8% copper (PlatSearch's QBE 1 hole). In contrast, the higher magnitude Big Bang anomaly is interpreted to have been sourced from higher density rocks, 480-500 metres below surface, which have greater potential for higher grades of copper, gold and uranium mineralisation.

Drilling will require specialist water bore drillers to complete the mud precollar hole to basement rocks. A conventional diamond drill rig will core the basement rocks to test the target. Precollar drilling is confirmed to start in April 2005. It is anticipated core drilling into basement will follow during the June 2005 quarter.

Quinyambie, SA - EL 3197, PlatSearch 50%, a prospecting syndicate 50%, Red Metal can earn 70%

The main target within the Quinyambie tenement is a 19 milligal gravity anomaly referred to as the Super Nova target (previously called Pudding Dam prospect). This very high gravity response is coincident with flat textured, low magnetic zones indicative of hematite-bearing or calcsilicate-bearing source rocks. The geophysical expression and dimensions are comparable with that observed over the Olympic Dam deposit. A historic drill hole (SPH1) located about 2,000 metres northwest of the Super Nova target intersected low density, basement rocks (specific gravity 2.65) from 413 metres with intense, epidote alteration and anomalous zinc values (0.05-0.15%) extending to the end of the hole at 627 metres. This broad zone of anomalous zinc geochemistry and intense epidote alteration is consistent with a distal halo to an IOCG deposit or fractionated mafic intrusive body.

Drilling at Quinyambie also requires specialist water bore drillers to complete the mud precollar and a conventional diamond drill rig to core the basement rocks. Precollar drilling is confirmed to start in April 2005. It is anticipated core drilling into basement will follow during the June 2005 quarter.

Frome and Poverty Lake, SA - *ELs 3019 & 2948, PlatSearch 50%, AH Syndicate 50%, Newcrest earning 70%*

A joint venture agreement (the Benagerie Joint Venture) has been signed with Newcrest Operations with details announced on 19 April 2005. The terms of the agreement enable Newcrest to earn a 70% interest in the tenements by completing expenditure of \$2 million within five years. Newcrest is committed to complete one basement drillhole and a total expenditure of \$150,000 within six months of the Commencement Date, (subject to the availability of a suitable drill) and will reimburse PlatSearch the cost of ground magnetic surveys completed by PlatSearch on three selected magnetic targets in February 2005.

The Frome and Poverty Lake tenements contain at least eight discrete magnetic anomaly targets and the area is considered to be prospective for iron-oxide associated copper-gold-uranium deposits. Primary Industry and Resources SA (PIRSA) is conducting gravity surveys currently at two kilometre spacing over the area and these results may identify further targets or reinforce existing targets. Previous drilling at the Dolores East prospect in an adjacent PlatSearch tenement (Quinyambie Project) discovered a large iron-rich volcanic breccia with strongly anomalous copper.

Kalabity, SA - *EL 3297, PlatSearch 80%, Eaglehawk 20%*

A review of previous work on this tenement (located near Olary, SA) shows potential for intrusive-hosted uranium mineralisation. An earlier explorer discovered an exposure of davidite mineralisation within quartz veining extending over a 2.5 kilometres strike length (the KR4 prospect). Davidite is a titanite of iron, uranium and rare earths. Its presence indicates that some basement rocks are strongly anomalous in uranium. Other similar uranium occurrences are known in the surrounding Olary region including Crockers Well, Mt Victoria and notably Radium Hill, the first producing uranium mine in Australia.

Previous surface rock-chip and LAG soil sampling shows widespread uranium and rare earth anomalism across the tenement. Uraniferous granites are known to be present in the tenement area which is largely soil covered such that, for most of the area, radiometric surveys would not have detected uranium in basement rocks.

During the quarter PlatSearch commenced field work to investigate the KR4 uranium prospect. A representative bulk sample of patchy radioactive float material and subcrop collected by PlatSearch over a 1.5 kilometre strike length assayed 3.46% uranium, 1.75% cerium and 2.75% lanthanum. A programme of calcrete sampling to investigate the application of this technique commenced in early April at the KR4 prospect.

Mundi Plains, NSW - *EL 6404 PlatSearch 100%*

Discussions are continuing with potential joint venturers regarding the funding of further work to search for lead-zinc mineralisation on the Mundi Plains tenement.

Cymbric Vale, NSW - *EL 6403, PlatSearch 50%, Paradigm Mexico 50%*

PlatSearch is seeking a joint venturer to fund a RAB drilling programme to investigate a possible ultramafic intrusive of the type that could host sulphide nickel deposits.

Junction Dam, SA - *EL 3338 PlatSearch 80%, Eaglehawk 20%*

Discussions are continuing with potential joint venturers regarding the funding of further work.

GAWLER CRATON, SA**Coondambo, SA** - *EL 2819, PlatSearch 50%, Marathon 50% and earning 80%*

Following its successful fund raising and ASX listing, joint venturer Marathon Resources is planning further work including at least one basement drillhole to test a target considered to be prospective for Olympic Dam style copper-gold-uranium mineralisation.

Wynbring, SA - *EL 3234, PlatSearch 100%, Inco earning 60%*

Inco Resources is now expected to commence a programme of ground geophysics May 2005. The Wynbring tenement covers an area of approximately 2,000 square kilometres on the western margin of

the Gawler Craton and is considered prospective for nickel sulphide deposits. Inco can earn a 60% interest in the tenement by spending \$2,000,000 before August 2008.

Toolgerie, Yalata and Black Hill, SA - ELs 3216, 3280 and 3281, PlatSearch 80%, Bohoun Resources 20%

PlatSearch's tenements in the western Gawler Craton have potential for mineral sands as well as sulphide nickel mineralisation. Negotiations regarding a joint venture to explore for mineral sands within the Toolgerie, Yalata and Black Hills tenements are in progress.

LACHLAN FOLD BELT, NSW

Dunmore and Tomingley Creek, NSW - ELAs 2513 and 2514, PlatSearch 100%

Two new exploration licences were applied for approximately 15 and 40 kilometres respectively north of the Northparkes copper-gold mines, operated currently by Rio Tinto. Each area is approximately 127 square kilometres in size and may contain Ordovician volcanics and intrusive rocks prospective for Northparkes style porphyry gold-copper deposits.

WESTERN PLAINS GOLD LTD

WPG has lodged its Prospectus dated 3 March 2005 to raise \$4.8 million dollars by the issue of 24 million shares and intends to be listed on the Australian Stock Exchange. Following a successful listing by WPG, PlatSearch will hold approximately 19% of WPG. During the first year following the listing, WPG will complete substantial exploration work and drilling costing at least \$758,000 on the **Trundle, Redan, Mulyungarie** and **Euriowie** tenements. This work is scheduled to commence in May 2005 immediately following WPG's listing.

A letter was sent to PlatSearch shareholders advising them of their priority entitlement in late May 2005. Each PlatSearch Shareholder has the right to apply for not less than 10,000 New Shares and not more than 50,000 New Shares (in increments of 1,000 New Shares) in WPG at an Offer Price of \$0.20 each for a total subscription amount of not less than \$2,000 and not more than \$10,000 (in increments of \$200) pursuant to the PlatSearch Priority Right, details of which are set out in the Prospectus. **The offer opened on 11 March 2005 and closes on 10 May 2005 and drilling will commence shortly thereafter.**

OTHER PROJECTS

The Tarcoola EL 3083 and Panama Hat EL 6014 tenements have been relinquished. There has been no significant work or developments on other projects during the quarter.

FINANCIAL

Cash expenditure by PlatSearch on exploration for the quarter was \$48,000. Expenditure by joint venturers on the Company's projects was \$88,000 for the quarter. On 9 March 2005 PlatSearch announced a placement of 4,055,000 ordinary shares at 8 cents that raised \$324,400. The Company has no borrowings. Cash funds available at the end of the quarter were \$373,000.

PLATSEARCH NL

Bob Richardson
Managing Director

The information on mineralisation contained in this report accurately reflects information compiled by R L Richardson, BSc, BE (Hons), MAusIMM, MASEG, Managing Director of PlatSearch NL a Competent Person (as defined by the Australasian Code for Reporting of Identified Mineral Resources and Ore Reserves), who has relevant experience in relation to such mineralisation and has consented to the inclusion of such information in this report.