



PLATSEARCH NL

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26 October 2005

QUARTERLY REPORT FOR PERIOD ENDED 30 SEPTEMBER 2005

HIGHLIGHTS

- The successful completion of the IPO fundraising and listing on the Australian Stock Exchange, by **Western Plains Gold** on 23 August was a pleasing and very positive development for PlatSearch. PlatSearch holds a 25% shareholding in WPG, and WPG will fund extensive exploration programmes including drilling on two key PlatSearch tenements Mulyungarie and Euriowie at Broken Hill. Further, through its shareholding in WPG PlatSearch will benefit from any exploration success on WPG's Redan, Trundle, Lake Cargelligo and Peak Hill East tenements.
- In August 2005 WPG commenced work programmes on the **Euriowie** and **Mulyungarie** tenements at Broken Hill. RAB drilling on several prospects in the Euriowie tenement has defined excellent targets for percussion drilling. On the Mulyungarie tenement, WPG has prepared drill sites to test the K1 prospect and drilling should commence in November 2005.
- A Heads of Agreement for the **ZincSearch Joint Venture** has been signed with CBH Resources Ltd. Under the joint venture, CBH will fund a programme of geochemical sampling on seven tenements in the Broken Hill Block prospective for zinc, lead and silver. This programme will utilise a new technology (NITON portable XRF analyser) which is ideally suited to exploration in the Broken Hill region. Fieldwork is scheduled to commence in November and it is expected that the NITON surveys will rapidly generate worthwhile drilling targets.
- In October 2005 PlatSearch signed a joint venture agreement with WPG to explore for uranium, gold and copper in the **Kalabity** tenement, SA. WPG will undertake a \$150,000 programme of geochemical sampling, scheduled to commence during the December 2005 quarter.
- Joint venturer Newcrest has completed a detailed gravity survey in the **Frome** and **Poverty Lake** tenements in South Australia. The survey has defined several targets for Olympic Dam style copper-uranium-gold mineralisation. This drilling will commence as soon as a suitable drilling contractor can be engaged.
- In the **Stephens-Centennial** area Broken Hill, joint venturer Sipa has advised that an agreement with a major company regarding that company's introduction into the Stephens-Centennial joint venture is at an advanced stage of documentation. Drilling is expected to commence as soon as the agreement is signed and a suitable contractor can be engaged.

CURNAMONA PROVINCE/BROKEN HILL, NSW AND SA

Euriowie, NSW – EL 5771 and EL 6188, PlatSearch 80%, Eaglehawk 20%, WPG can earn 60%

Grid-based RAB geochemical sample drilling commenced on the Euriowie project area immediately following the successful completion of joint venturer Western Plains Gold Ltd's (WPG) IPO and its listing on the Australian Stock Exchange.

At the *Yalcowinna Creek Prospect* 125 holes for 595 metres were completed over the main gossan zone. Results of the RAB drilling have defined a strong, coherent copper geochemical anomaly that is coincident with the mapped mineralised zone. The anomaly is 600 metres long and open at both ends where the ferruginous outcrop disappears beneath shallow soil cover. The anomaly peaks at a value of 1.2% copper. A linear weak, but coherent, zinc anomaly is present along the footwall side of the mineralised zone, possibly indicating an underlying more zinc-rich stratigraphic horizon. Previous rock chip sampling by WPG has recorded values up to 2.2 g/t gold and 6.9% copper.

A RAB geochemical sample drilling programme was completed over the mineralised zone interpreted from previous mapping and rock chip sampling by WPG at the *Fairy Hill Prospect* with 292 metres drilled in 108 holes. Results have defined a significant bedrock copper anomaly that is open at both ends. Previous rock chip sampling by WPG has recorded values up to 1.86 g/t gold and 18.5% copper.

WPG plans to test the geochemical anomalies at both the Yalcowinna Creek and Fairy Hill prospects with RC percussion drill holes as soon as a suitable drilling rig can be contracted for this work.

A reconnaissance RAB geochemical sample drilling programme comprising 186 holes for 695 metres was carried out at the *Smiths Well* prospect. The sampling was designed to assist with the definition of the poorly outcropping ferruginous gossan zone. An additional 24 RAB holes for 69 metres were drilled at 25 metre spacing on two lines across the Smiths Well magnetic anomaly. Results show only sporadic anomalous values for copper and gold.

Detailed geological mapping and rock chip sampling is planned for the *Son of Man* Prospect during the December quarter.

Mulyungarie, NSW and SA – EL 4657 (PlatSearch 100%) and EL 2776 (PlatSearch 80%, Eaglehawk 20%), WPG can earn 60%

A review of the geophysical modelling of both the gravity and magnetic anomalies at the *K1 Prospect* was completed and has refined the targets for the proposed diamond drilling programme. WPG has received PACE funding from the South Australian Department of Primary Industries and Resources (PIRSA) for this drilling. Drilling of two diamond holes is scheduled to commence in early November.

Redan, NSW – EL 5795 and EL 6394, WPG 80% and Eaglehawk 20%, PlatSearch has 1.6% NSR royalty

A programme of grid-based RAB geochemical sample drilling comprising 96 holes for 285 metres was completed at the *Chert Ridge Prospect*. This sampling was designed to accurately define zones of anomalous copper-gold intersected in RAB drilling by a previous explorer and to cover the area of known anomalous gold outcrops where earlier rock chip sampling by WPG had returned significantly anomalous gold values up to 172 g/t. Additional siliceous and mineralised outcrops were noted during the drilling and were chip sampled.

Analytical results from the RAB samples will be plotted and assessed during the December quarter.

ZINCSEARCH JOINT VENTURE

Lindsays Creek, Yanco Glen, Ziggys and Copper King, NSW – ELs 5704, 5764, 6036, 5919
PlatSearch 40%, CBH Resources 50%, Eaglehawk 10%.

Apollyon Valley, Big Alder and Mt Robe, NSW – ELA 2544, ELs 5646 and 6147, *PlatSearch 50%, CBH Resources 50%*

PlatSearch signed a joint venture Heads of Agreement with Broken Hill Operations Pty Limited, a subsidiary of CBH Resources Ltd (CBH) and Eaglehawk Geological Consulting Pty Ltd (EGH) during the quarter. The ZincSearch Joint Venture will undertake an extensive soil geochemical sampling programme over a large tenement holding at Broken Hill, NSW. This sampling programme will utilise a new technology that provides “real time” geochemical analysis of soils using a portable XRF analyser. This equipment, manufactured by NITON LLC, provides in-situ analysis of surface soil, for a wide range of elements, with results available immediately. Coupled with GPS positioning, the NITON XRF analyser enables areas to be geochemically mapped rapidly and with an unprecedented level of detail. The technology is effective where there are large areas of shallow residual soils, such as much of the Broken Hill Block. This method is capable of defining geochemical “hot spots” that are consistently and strongly anomalous over a significant area. These hot spots then represent ideal first stage drilling targets.

Following the completion of a CBH-funded Stage One work programme, CBH’S interest will increase to 60% on all tenements. PlatSearch will be the operator for Stage One. PlatSearch/EGH can contribute to further expenditure with a 40% interest or reduce to a 20% interest free-carried to completion of a bankable feasibility study. PlatSearch/EGH can contribute at the project stage or reduce to a NSR royalty interest.

Within the joint venture tenement package which covers 534 square kilometres there are large prospective areas where geochemical sampling (either soil sampling or RAB drilling) is wide-spaced, or non-existent. Any previous sampling is generally too “broad brush” to have adequately explored these areas, despite the existence of highly favourable stratigraphy, including extensive zones of outcropping lode type rocks. The NITON equipment has been ordered and fieldwork is expected to commence in November 2005 following the delivery and commissioning of the equipment.

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*

In the Stephens-Centennial area, Broken Hill, joint venturer Sipa Exploration has advised that an agreement with a major company regarding that company’s introduction into the Stephens-Centennial joint venture is being documented. The major company will undertake a deep drill test of a strong gravity anomaly with drilling expected to commence during the December quarter.

Callabonna and Quinyambie, SA – EL 2886, *PlatSearch 100%; Red Metal can earn 70% and EL 3197, PlatSearch 52.6%, a prospecting syndicate 47.4%, Red Metal can earn 70%*

The Frome joint ventures are located in the north-western portion of the metal-rich Curnamona Province of South Australia and target Olympic Dam style copper, gold and uranium mineralisation in basement rocks buried below 400-600 metres of younger sedimentary cover rocks. A gravity survey by Red Metal identified a range of gravity targets considered prospective for copper, gold and uranium mineralisation including two regionally significant, gravity anomalies in PlatSearch’s tenements named the *Big Bang* and *Super Nova* prospects. The strong 6.5 milligal anomaly at *Big Bang prospect* is related to a basement high or buried mountain peak of dense calcsilicate±magnetite rocks covered by lower density sedimentary cover rocks. The discrete basement high and dense rock types both influenced the gravity field and combined to give this very high gravity response. At *Super Nova prospect* extension of the precollar was abandoned because of hole stability problems and generally negative results from drilling by Red Metal on a similar geophysical target in an adjoining tenement. Core samples at the base of the precollar intersected moderately dense scapolitic carbonate rocks

The recently completed diamond drill tests on the largest gravity targets failed to intersect significant base metal mineralisation. Several middle order gravity and high magnetic targets remain untested and

are being reassessed for possible drilling. In addition, sedimentary roll front uranium targets in the younger Quaternary and Tertiary cover sequences are being evaluated for drilling in 2006.

Frome and Poverty Lake, SA – *ELs 3019 and 2948, PlatSearch 50%, AH Syndicate 50%; Newcrest can earn 70%*

Joint venturer Newcrest has completed a detailed gravity survey. The results show several anomalies that are semi-coincident with discrete magnetic anomalies and are potential drilling targets for iron-rich, breccia style copper-gold deposits. At the adjacent Dolores East prospect a single drill test of a similar anomaly intersected a strongly copper-anomalous, haematite-altered, volcanic breccia body. Newcrest is seeking a drilling contractor to drill these targets.

Kalabity, SA – *EL 3297, PlatSearch 80%, Eaglehawk 20%, WPG can earn 50%*

In October 2005 PlatSearch signed a joint venture agreement with WPG on the Kalabity Project. The Kalabity tenement is located in the southern Curnamona Craton in South Australia and has significant potential for the discovery of intrusion-related uranium and rare earth mineralisation. There is one producing uranium mine in the Curnamona Craton at Beverley and another well-known deposit at Honeymoon. It is one of the more prospective provinces in Australia for uranium and was the site for Australia's first producing mine at Radium Hill.

Compilation of rock chip, lag and stream sediment sample data from previous explorers has defined a significant number of uranium and base metal geochemical anomalies that require follow-up evaluation. A review of previous airborne radiometric survey data has shown there are several potential uranium targets that also require follow-up evaluation.

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 by PlatSearch assayed 3.46% uranium, 1.75% cerium and 2.75% lanthanum. PlatSearch completed an orientation calcrete sampling geochemical survey on the KR4 prospect. Results show a definitive response over the known davidite mineralisation with analyses up to 500ppm uranium. Davidite is a titanite of iron, uranium and rare earths.

EL 3297 also has considerable potential for epigenetic iron oxide hosted copper-gold mineralisation similar in style to the replacement (Starra, Osborne) and breccia (Ernest Henry) deposits of the Mt Isa area.

WPG can earn a 50% interest in the Kalabity Project by spending \$300,000 within two years from the date of commencement. WPG has committed to spend a minimum of \$150,000 before withdrawing. WPG is planning an initial exploration programme of systematic calcrete sampling in the areas of known but poorly defined geochemical and geophysical anomalies. Samples will be tested for their radiometric response with a hand held scintillometer and then analysed for gold, uranium and REE. Second phase exploration will comprise RAB bedrock sampling to accurately define targets for deeper drilling.

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

Discussions with a potential joint venturer regarding the funding of further work to search for lead-zinc and copper-gold mineralisation on the Mundi Plains tenement are in progress.

Hillston, NSW – *EL 6363, PlatSearch 80%, Eaglehawk 20%; Perilya can earn 80%*

Joint venturer Perilya has advised that a programme of further NITON soil sampling followed by RAB drilling on selected anomalies, including an aeromagnetic target defined by PlatSearch, will be completed in December 2005.

GAWLER CRATON, SA

Wynbring, SA – EL 3234, PlatSearch 100%, Inco earning 60%

Joint venturer Inco Resources has completed a ground geophysical programme to follow up a number of targets identified in airborne electromagnetic and magnetic data. The results are being interpreted. The South Australian Government has approved 50% funding under the PACE programme for any drilling on the tenement.

LACHLAN FOLD BELT, NSW

Dunmore and Tomingley West, NSW – ELA's 2513 and 2514, PlatSearch 90%, RobertsConsulting 10%

Two new tenements covering a combined area of 230 square kilometres were applied for in the Peak Hill/Tomingley area. The Dunmore tenement is located approximately 16 kilometres north of Rio Tinto's Northparkes mines and 5 kilometres west of Alkane's Peak Hill mine. The Tomingley West tenement is located approximately 14 kilometres north west of Alkane's Wyoming gold deposit. The tenements cover areas of Ordovician volcanics and are considered to be prospective for Northparkes style porphyry copper-gold deposits. Both areas have extensive shallow soil cover. Wide-spaced shallow RAB drilling by previous explorers has encountered anomalous gold values and the areas are considered to have been only lightly explored. Data compilation of previous work is in progress.

WESTERN PLAINS GOLD PROJECTS

PlatSearch holds an indirect interest in the following WPG tenements in the Lachlan Fold Belt through its 25% shareholding in WPG.

Trundle, NSW – EL 4512, WPG 100%, PlatSearch has a 2% NSR royalty

A detailed low level aeromagnetic survey was completed over the Trundle project tenement. It is anticipated that several new target areas will be defined from detailed interpretation of the data.

A 90 hole programme of 50 metre spaced RAB geochemical sample drill holes for a total of 419 metres was completed over an area of interest defined from results of sampling by a previous explorer at the *Mordialloc Prospect*. Most holes were less than 10 metres deep and bottomed on fractured semi-weathered bedrock comprising andesitic volcanics and monzonitic intrusions. Geochemical results show widespread copper and gold anomalism with values up to 2,260ppm copper and 0.29 g/t gold associated with monzonitic intrusive rocks akin to those at Northparkes. A detailed assessment of both the geochemical and geological results in conjunction with the new aeromagnetic data is in progress. However it is apparent that the area sampled is part of a larger mineralised system and that further systematic RAB/aircore drilling will be required to complete the definition of the geochemical anomalies prior to testing with deeper drill holes.

Lake Cargelligo, NSW – EL 6367, WPG 100%

Two diamond drill holes designed to test the *Achilles 1 Prospect* alteration zone and soil geochemical anomalies have been planned. Re-establishment of a previous explorers prospect grid together with drill-site preparation is planned for October. Drilling will commence when a suitable drilling contractor is engaged.

A new area of interest has been defined at the *Boorithumble Prospect* in the northern part of EL 6367. Exploration by a previous explorer intersected significant base metal mineralisation in three drill holes with values up to 1.95% lead, 2.0% zinc and 1.2% copper. The initial drill target for these holes was a weak magnetic anomaly and the best sulphide mineralisation showed an association with pyrrhotite. WPG plans to advance this prospect with grid-based geological mapping, geochemical sampling and a ground magnetic survey.

Peak Hill East, NSW – EL 6342, WPG 100%

A detailed low level aeromagnetic survey was completed over the Peak Hill East project tenement. Results are currently being interpreted however the data provide excellent definition of the predominantly north-south striking interbedded Ordovician sedimentary and volcanic stratigraphy that hosts the Tomingley deposit to the north-west of EL 6342. Several prominent structures are also evident and will provide a focus for planned future exploration. WPG plans to commence reconnaissance geological mapping and sampling following the harvest of cereal crops by landowners late in the December quarter.

OTHER PROJECTS

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 \$33,000. Expenditure by joint venturers on the Company's projects was \$247,000 for the quarter. The Company has no borrowings. Cash funds available at the end of the quarter were \$196,000.

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.