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Company Announcements Platform
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GOLDENGREEN GOLD PROSPECT INCREASES IN POTENTIAL

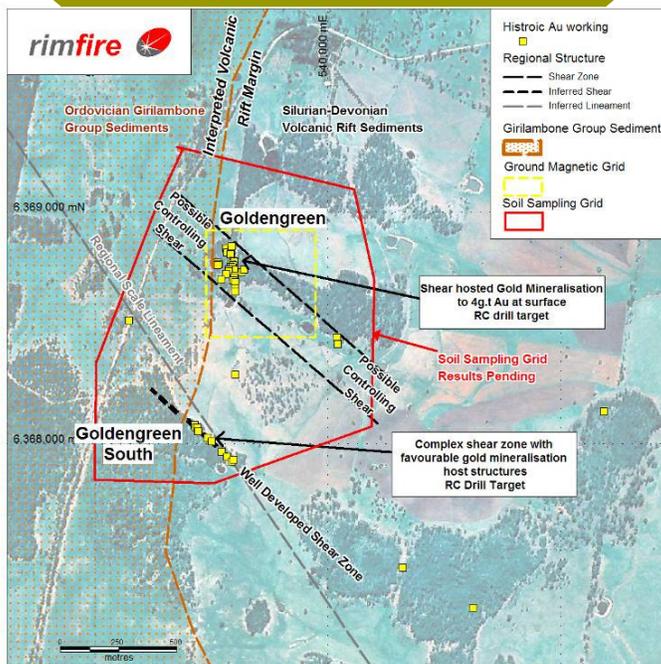
- Quality and size of Shear Zone Gold area continues in a positive direction

The Company has further upgraded the gold (Au) potential of the “Goldengreen” prospect and adjacent areas located at Fifield NSW. The regional platinum, gold and base metal exploration being undertaken at Fifield by the Company continues to demonstrate the overall potential of the area for “new discoveries”.

Detailed sampling of undisturbed soils, over a 1sq km gridded area at “Goldengreen”, was recently completed and geochemical assays will be conducted by independent laboratory shortly. **Visual inspection of selected samples indicates an encouraging presence of coarse and fine Au.** In addition, extensive geological mapping has identified important new features that indicate **the increased potential for Au mineralisation.**

The Au mineralisation at “Goldengreen” and **a new area, now named “Goldengreen South”¹**, both appear to be **focussed on the structurally complex “western rift contact”**.

Goldengreen Area Fifield NSW Au in Chloritic Shear Zones



“Goldengreen South” has had previous small scale historic mining. **The size of one specific shear zone newly mapped at this location is approximately 500m x 35m.** The Au grade of this zone is unknown currently, but is ideal for soil sampling, auger drilling, trenching and an RC drill program. There appears to have been no prior drilling by previous explorers.

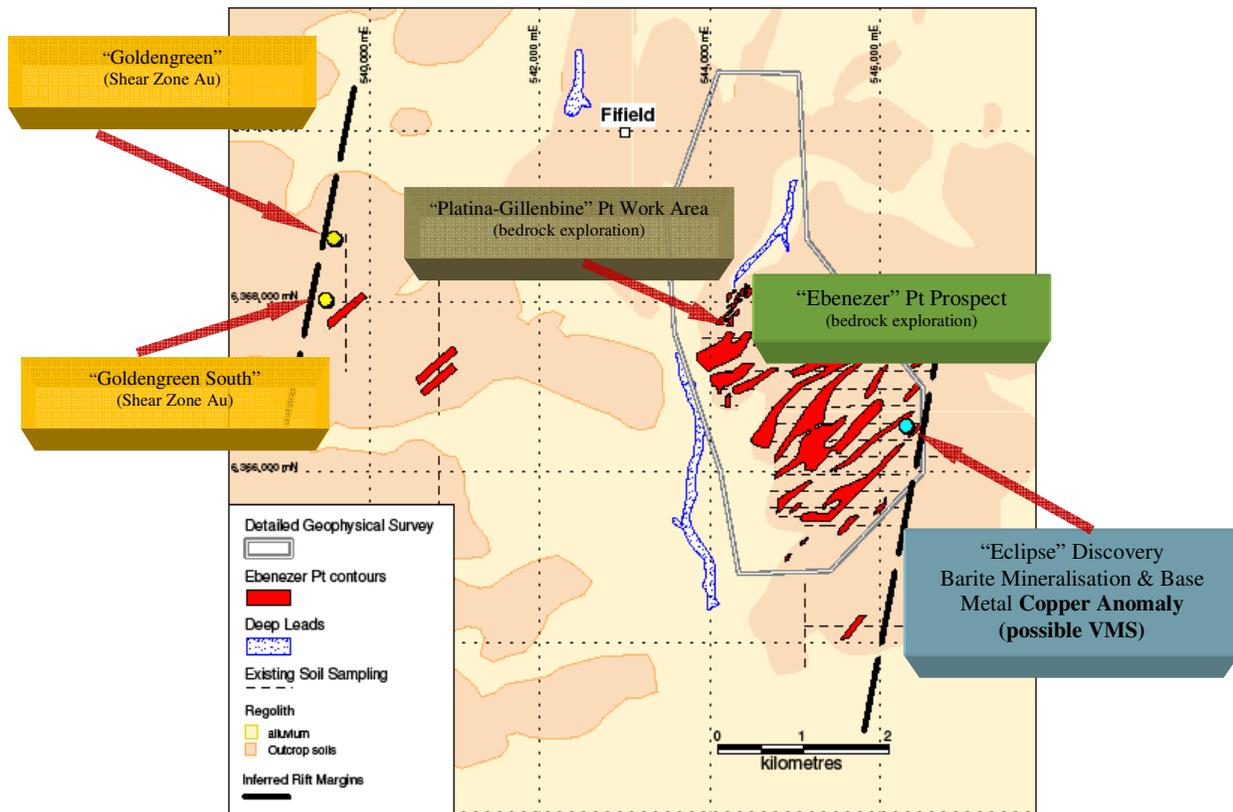
The exploration target at “Goldengreen” is disseminated Au in sheared sediments associated with mafic dykes or sills. **This shear zone disseminated Au model has been ideal for open cut mining in the Yilgarn of WA.**

¹ “Goldengreen South” is approximately 700m south of the “Goldengreen” Au prospect

Geological mapping south of “Goldengreen South” has located a third parallel shear zone. This has the same distinctive mafic dyke or sill that is present at “Goldengreen”.

The Au geology is closely associated with shear zone/breccia platinum (Pt) mineralisation that the Company still sees as its main exploration objective.

The regional geology is providing good indications of metal zoning. At the western rift margin, Au occurs with some Pt, in the rift centre, Pt occurs with some Au, and on the eastern rift contact, base metals are present. The area is very dynamic geologically and represents an excellent exploration setting for commercial mineralisation discovery.



Style of Au mineralisation within “Goldengreen” and adjacent areas at Fifield NSW

Close examination of the historic workings and style of Au mineralisation by Rimfire has revealed that the Au occurs in “chloritic shears” and “fine breccia channels” in sediments. Quartz can be in the shear, but the quartz itself contains only minor traces of gold.

It is suspected the absence of quartz association with the Au mineralisation generally, may have lead to an incorrect conclusion by early explorers as to the strong underlying Au potential that the Company believes exists at Fifield’s western margin, within Goldengreen and the adjacent areas.

The contact zone between the older Girilambone rocks and the younger rift sediments and volcanics is a favoured Au deposition site at Canbelego ² (East of Cobar, NSW).

The “Goldengreen” style of mineralisation utilises the same type of rock contact as Canbelego, but the Au origin at Fifield has more in common with the Pt and Au system geology located in the vicinity.

²Mount Boppy Au Mine at Canbelego produced Au approaching 15 tonnes (almost 500,000 oz)

The sheared sediment host rock to the Au at Fifield forms an ore type that is not easily recognised, hence missed by other explorers.

Background Geology and History at “Goldengreen” - Connection to Platinum Mineralisation

The “Goldengreen” prospect hosted a small high grade goldmine and was worked intermittently from 1935 to 1957. The deepest parts of the mining operations reached 30m. Approximately 27 small gold prospect pits and workings have been mapped by Rimfire in this area. A fresh mafic intrusion is evident within 50m of Goldengreen and has been sheared by the Au bearing shears.

Historic operators had focused on certain high grade aspects in the shear, which returned approximately 30g/t on mercury plates. Subsequent recovery from the tails of this first stage yielded an additional 30g/t through cyanide leach.

The Company believes this Au is likely to have strong connections to the Pt seen at Fifield. The Pt may occur in a similar shear configuration, and it is entirely possible that the gold load could give way to Pt mineralisation at depth, when the sediment host changed to the mafic dyke.

The orientation of the Au shears strike in different directions, even at right angles. Accordingly, this area has a chance to realise an open cut “cyanide heap leach” mining, should zones produce sufficient Au grade over the target area.

Commodity Pricing

The price of Platinum and Gold has increased markedly in recent weeks.

The price of Platinum closed in New York at Ask, US\$1,816 per oz as at 6th February 2008 (www.kitco.com), more than double the price of Gold.



Yours faithfully

JOHN KAMINSKY
Executive Chairman
Rimfire Pacific Mining NL

*The information in the report to which this statement is attached that relates to Exploration Results is compiled by Mr Colin Plumridge, who is a Member of The Australian Institute of Mining and Metallurgy, with over 30 years experience in the mineral exploration and mining * industry. Mr Plumridge is employed by Plumridge & Associates Pty. Ltd. Mr Plumridge has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the “Australian Code for Reporting of Mineral Resources and Ore reserves”. Mr Plumridge consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*