

22 July 2024

ASX Announcement

Kookynie Gold targets supported by Independent Review

Highlights

- Independent review of Niagara West completed by Newexco Exploration
- Review of Regener8's initial drilling campaign at Niagara West warrants follow up at May and Green Bullet East & North Prospects
- May – Derwent Prospect drilling NGRC037 intersected 1m @ 14.8g/t Au with untested coincident gold in soil anomaly encouraging follow up (ASX 13/6/23)
- Green Bullet results suggest horizons of supergene enrichment potential in weathered zone
- Green Bullet soil anomaly NW7 correlates with an interpreted ESE trend with same geochemical signatures elsewhere within Niagara West
- Regional consolidation with recent M&A activity in the area highlights continued interest

Regener8 Resources NL (ASX: R8R) (**Regener8** or the **Company**) is pleased to provide an update regarding the Kookynie Gold Project. Further to the Company completing its maiden drilling campaign at the project in 2023, an independent review of the historical exploration data and recent work completed by Regener8 has been completed by Newexco Exploration Pty Ltd.

Whilst the focus for Regener8 has been on advancing its East Ponton project, with historical high grade gold intersections encountered at Niagara West, a supportive gold price, combined with surrounding regional merger and acquisition activity, the Company continues to seek to explore and develop value at the Kookynie Gold Project.

Review Key Findings

The Newexco review confirms prospectivity exists across the Kookynie Gold Project tenements, with the most compelling near-term targets contained at the May and Green Bullet prospects (**Figure 1**).

May Prospect

Regener8's 2023 maiden drilling campaign at the May prospect (**Figure 2**) focused on testing and extending historical high-grade intersections that included:

- **2m @ 70.5 g/t Au** (RC38);
- **2m @ 15.4 g/t Au** (RC315); and
- **2m @ 11.32 g/t Au** (RC391).

The 2023 program found encouraging results which included **5m @ 3.18 g/t Au** (NGRC017) and **2m @ 7.77g/t Au** (including **1m @ 14.8 g/t Au** in NGRC037), respectively (ASX release 13 June 2023).

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Based on a detailed review of the data which included geophysical information, soil geochemistry, historical and current results, Newexco found that the combination of the high-grade intersection in NGRC037 (1m @ 14.8 g/t Au) coincident with an untested gold in soil anomaly, warrants further drilling to assess the continuity of the mineralisation.

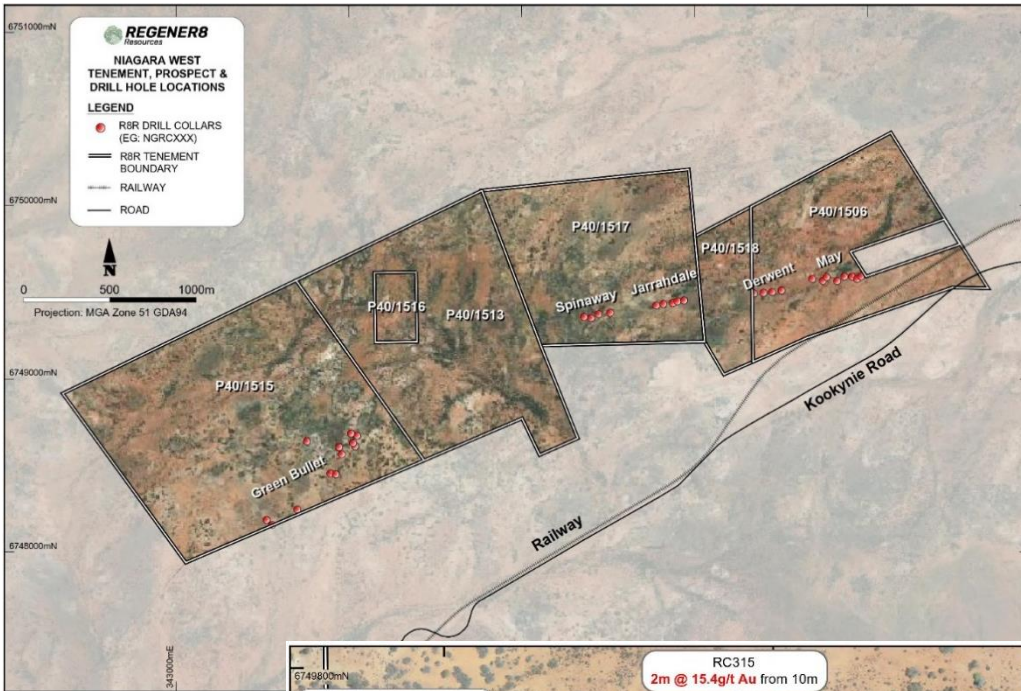


Figure 1:
Niagara West
Prospects, Kookynie
Gold Project

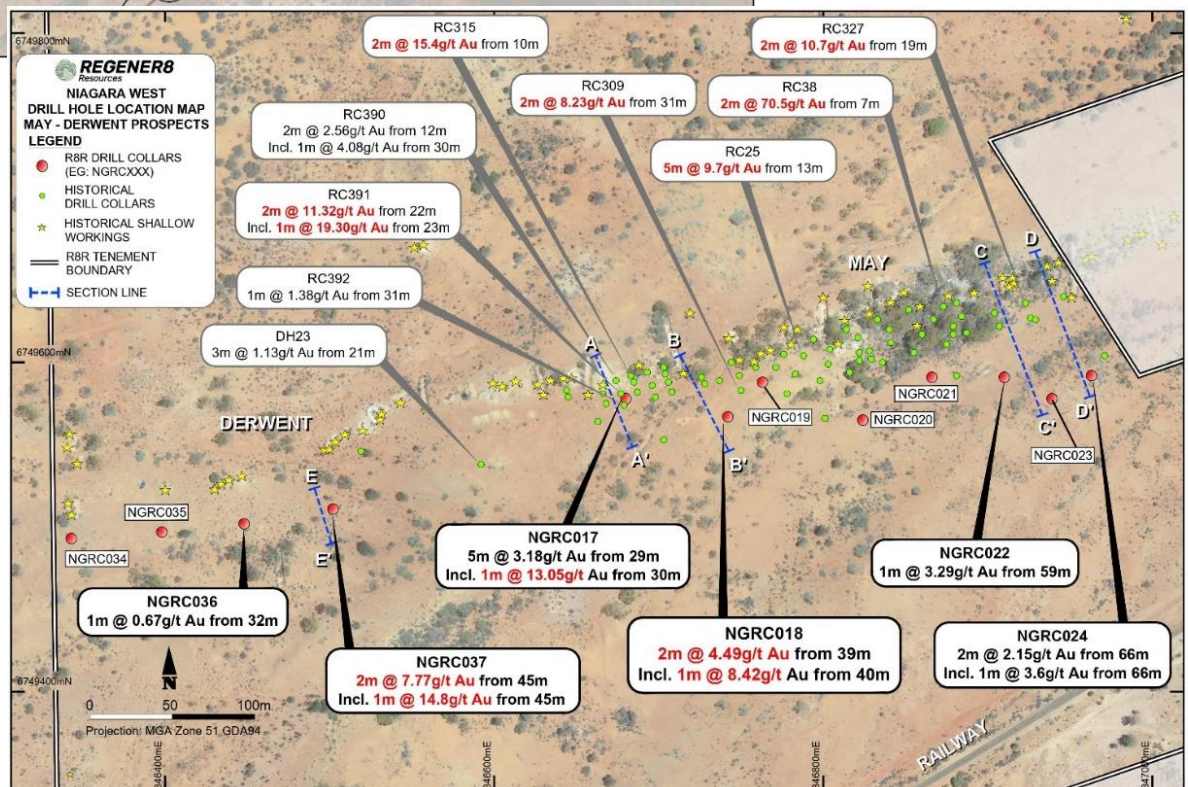


Figure 2:
Current and Historical
Results, May Prospect,
Kookynie Gold Project

In addition, targeting of deeper extensions of the mineralisation with diamond drilling and oriented core to better understand texture, composition, style and structural attitude of the quartz veining was recommended as part of any planned follow-on program.



Green Bullet Prospect

Regener8 previously identified the Green Bullet prospect through soil geochemistry anomaly (PCA Soil Anomaly NW1 & NW2) (ASX Announcement 31 January 2023), that was followed up through 12 RC drill holes (ASX Announcement 13 June 2023), (**Figure 3**).

Newexco’s review noted the flat lying intersections of historical RAB drilling suggest horizon of supergene enrichment in weathered zone that “needs to be investigated”, having not been followed up previously.

Principal Component Analysis (PCA) of the auger data identified a new Au (As, Sb and Te) anomaly, NW7 in the northern part of the Green Bullet prospect. NW7 was not tested in Regener8’s maiden drilling campaign. Newexco suggests this should be considered a near term follow up target as its co-incident with an interpreted ESE trend from Regener8’s geophysical data.

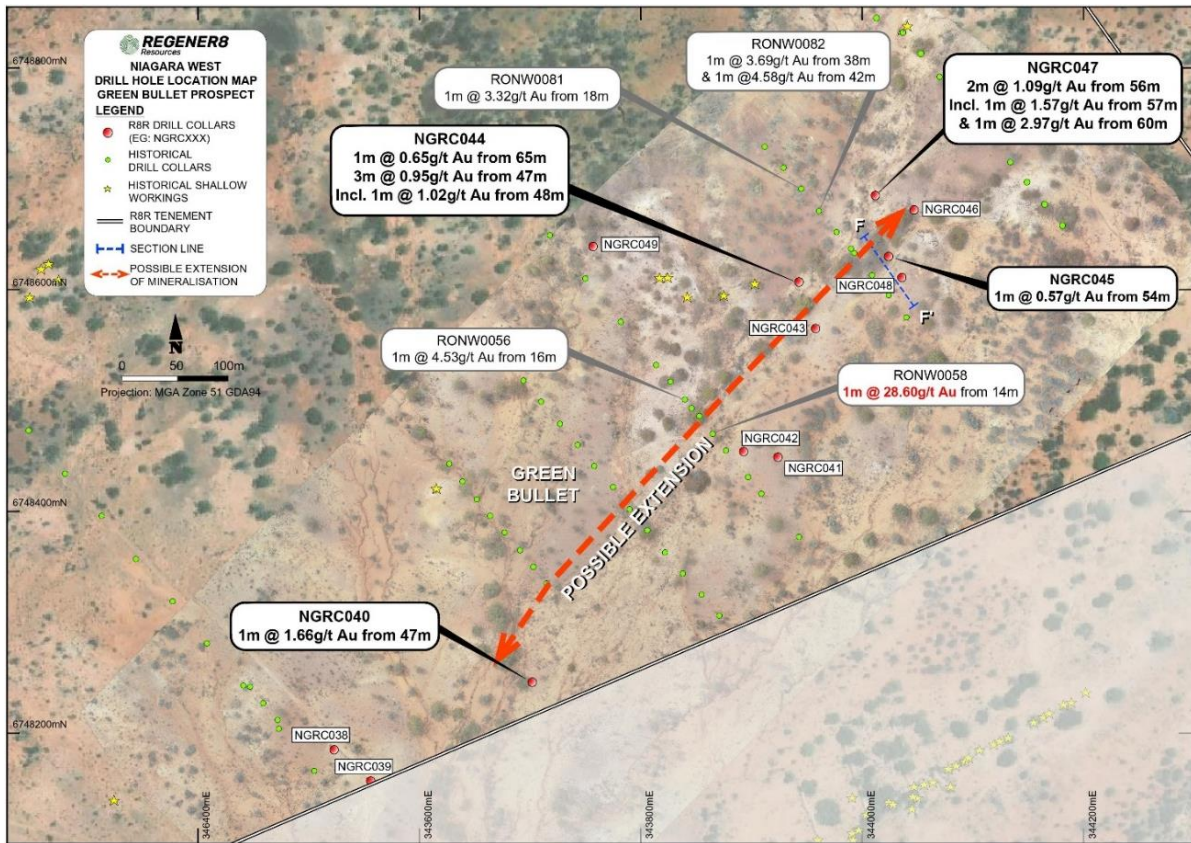


Figure 3: Current and Historical Results, Green Bullet Prospect, Kookynie Gold Project

Managing Director of Regener8, Stephen Foley, comments:

“The independent review undertaken by Newexco Exploration has confirmed the continuing prospectivity of the Kookynie Gold Project on its geological merits, (particularly at the Green Bullet and May Derwent prospects) with recommendations to further advance exploration and understanding of key targets at Niagara West. As we seek to undertake our maiden drilling campaign at the East Ponton project, this review provides a basis for value adding and follow up exploration opportunities for the Kookynie Gold Project”.



Relevant ASX Announcements:

- 13.06.2023 “High Grade Gold Intersected at Niagara West Gold Targets”
- 31.01.2023 “Encouraging Auger Results at Kookynie Gold Project”

This ASX Announcement has been authorised for release by the Board.

For further information, please contact:

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Information in this release that relates to Exploration Results is based on information reviewed by Mr Nicholas Walker of Newexco exploration Pty Ltd. Mr Walker is engaged by Regener8 Resources NL as an independent consultant. Mr Walker has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Walker is a Member of AIG. Mr Walker consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

This release includes exploration results the Company previously reported on 31 January & 13 June 2023. The Company confirms that it is not aware of any new information or data that materially affects the information included in previous announcements (as may be cross referenced in the body of this announcement) and that all material assumptions and technical parameters underpinning the exploration results and Mineral Resource estimates continue to apply and have not materially changed.



Background on the East Ponton Future Metals Project

Regener8 Resources NL executed a binding option agreement to acquire the Seven Sister and Grasshopper projects located approximately 220km East of Kalgoorlie (ASX announcement 6 July 2023). The project is nominally 40km south south-east of known carbonatite discoveries. These include the exploration restricted Cundeelee carbonatite, described by BHP *as the largest, effectively untested carbonatite in the world* (port A56942, BHP 1998) and the Ponton Intrusion discovery with *some of the highest-grade intersections ever found in Australia* including (ASX: GXY announcement 11 January 2011):

- 16m @ 14.48% TREO (PN03A)
- 28m @ 10.50% TREO including 6m @ 20.57% TREO (PN10A)
- 26m @ 6.99% TREO from surface including 8m @ 13.12% TREO (PN09A)

Regener8 is advancing exploration at the Seven Sisters and Grasshopper prospects and will decide on acquisition during the option period. This exploration activity will further investigate the potential prospectivity of these tenements across rare earths, lithium and gold, which could enable a complementary fit to the company and its assets.

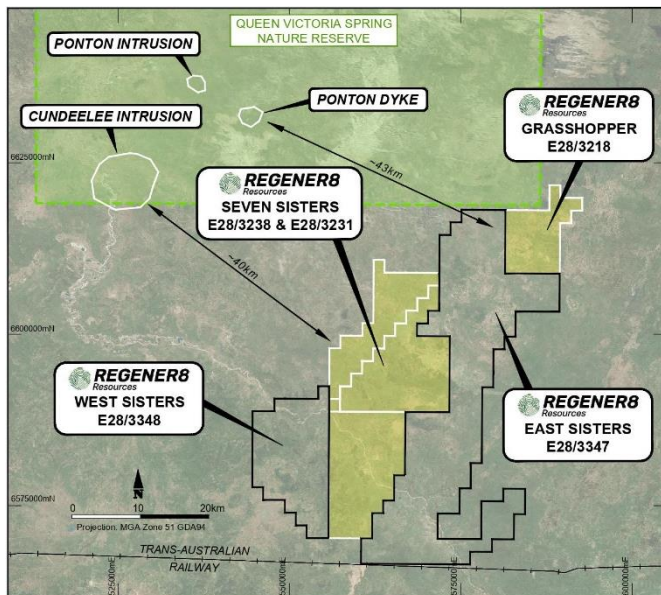


Figure A:
East Ponton Future Metals Project map

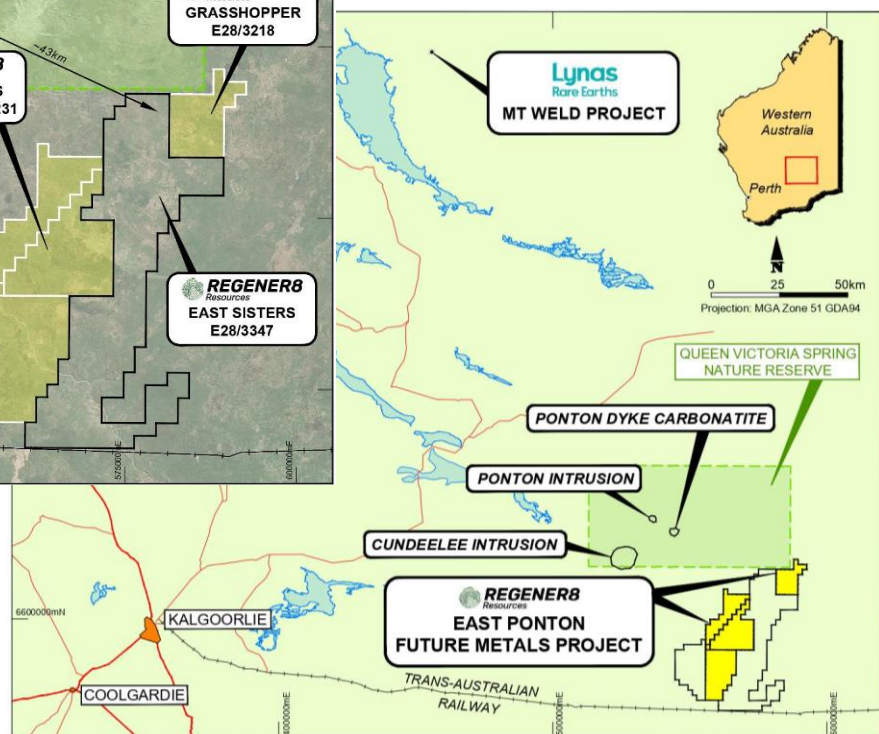


Figure B: East Ponton Future Metals Project locality map

