

31 August 2023

ASX Announcement

East Ponton tenement holding expands

Highlights

- Tenement applications submitted for exploration licences between and surrounding Grasshopper and Seven Sisters prospects
- Creates contiguous exploration package of over 1,300km²
- Forms strategic district scale tenement package with encouraging potential across critical metals including rare earths, lithium, precious and base metals

Regener8 Resources NL (ASX: R8R) (**Regener8** or the **Company**) is pleased to provide an update regarding the East Ponton Future Metals Project. Further to the Company executing an option to acquire the Grasshopper and Seven Sisters prospects (ASX announcement 6 July 2023), the Company has applied to DMIRS for further exploration blocks adjacent to and between the optioned tenements, named as East and West Sisters (E28/3347 & E28/3348) (**Figure 1**). Upon tenements being granted, this provides the potential to create a district scale critical metals tenement package with a combined size of 1,300 km².

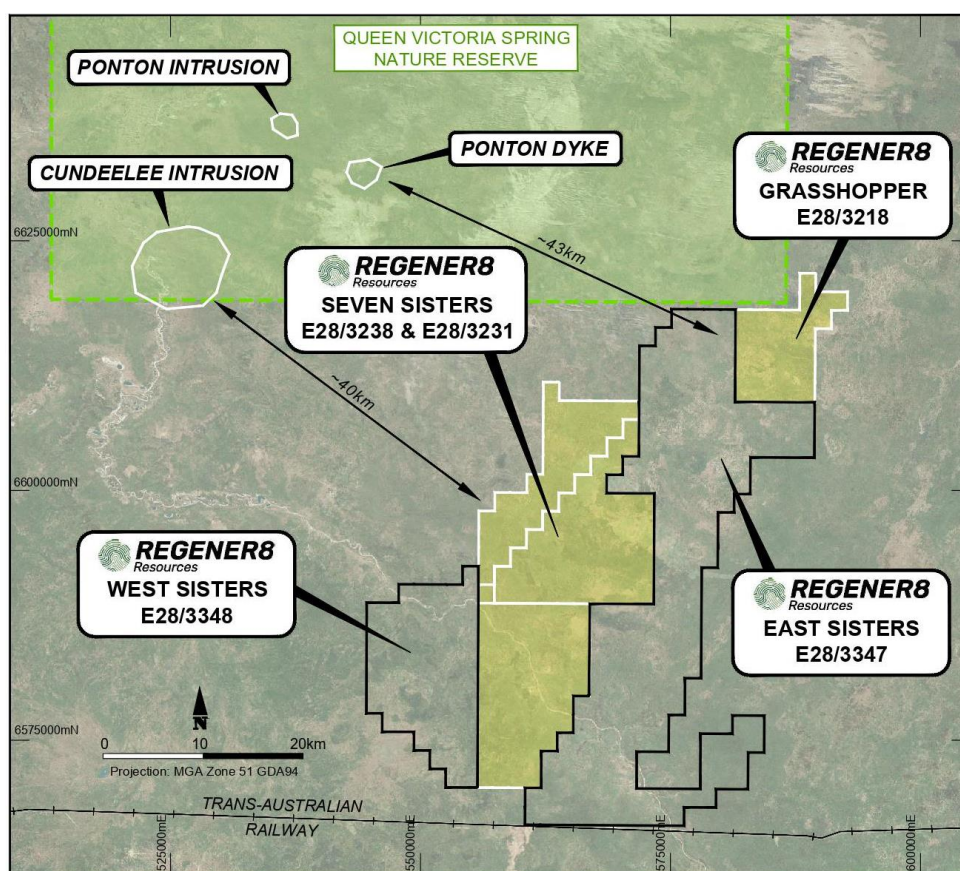


Figure 1: East Ponton Project with Optioned and Applied Tenements

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Multi-commodity Potential

The combined tenements consolidate the area into a contiguous package that spans the potential for multiple commodities (**Figure 2**). As previously announced, this includes potential for:

- **Rare Earths** at the Grasshopper prospect, with **elevated rare earth enrichment found** across multiple historic drillholes, including **1,698ppm TREO** from 40-42m at end of hole GHA208 (ASX Announcement 20 July 2023)
- **Lithium** at Seven Sisters, with **pegmatites found** in multiple historic drillholes (never assayed for Li) offset from significant magnetic anomalies (ASX Announcement 2 August 2023)
- **Precious Metals** at the Corona prospect, with **historic intercepts found** of up to **3m @ 2.55g/t Au**, which is approximately 100km downstrike SE from the Camaro Prospect that returned **3m @ 40.33g/t Au** (ASX Announcement 2 August 2023)
- **Base Metals** across the tenement package, with numerous geophysical anomalies and historical exploration indicating elevated base metals including IOCG potential, and adjacent proximity to the Albany Fraser Orogen with numerous base metal discoveries

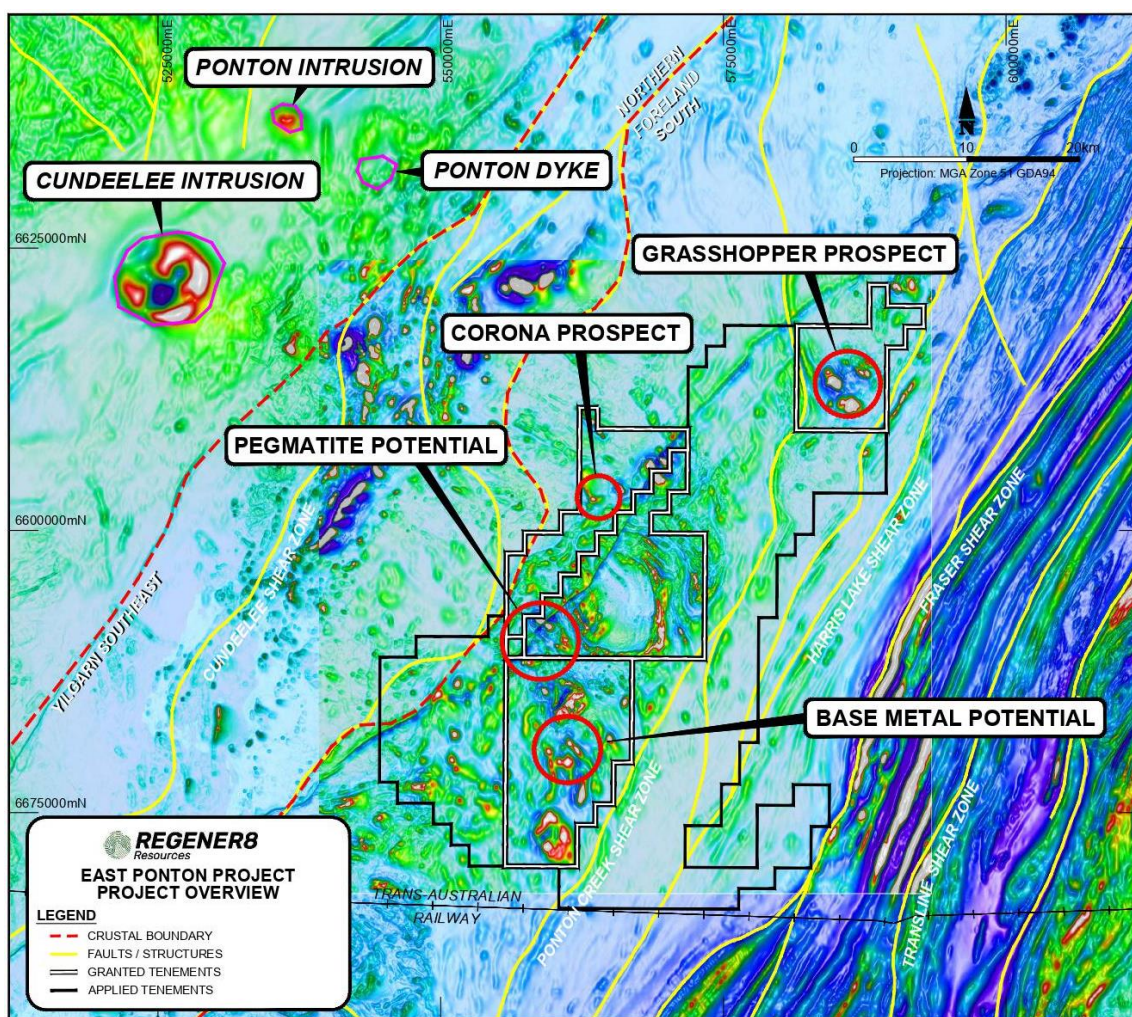


Figure 2: East Ponton Project, Optioned and Applied tenements with prospect potential, over Regional Geological and Total Magnetic Intensity

Managing Director of Regener8, Stephen Foley, comments:

“Regener8 is fortunate to have the opportunity to apply for the exploration ground between and surrounding Seven Sisters and Grasshopper tenement packages. This enables Regener8 the strategic opportunity to create a large scale, contiguous tenement package across highly prospective multi-commodity targets.

Through our detailed review of historical exploration datasets to date, we observe that substantial exploration has been undertaken, albeit in a generally divided and specific commodity targeted method. Our deep dive into historical datasets approach, combined with a frame of opportunity openness, means we are developing and prioritising targets across multiple commodities within the greater tenement package. We are excited to continue investigations and update the market over the coming weeks.”

Relevant ASX Announcements:

- 02.08.2023 “East Ponton unveils multi-commodity critical metal targets”
- 20.07.2023 “REE Enrichment confirmed at East Ponton Future Metals Project”
- 06.07.2023 “Option Secured for Transformational Future Metals Project”

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

For further information, please contact:

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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* (Wamex report 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 make a decision on acquisition during the option period. This 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.

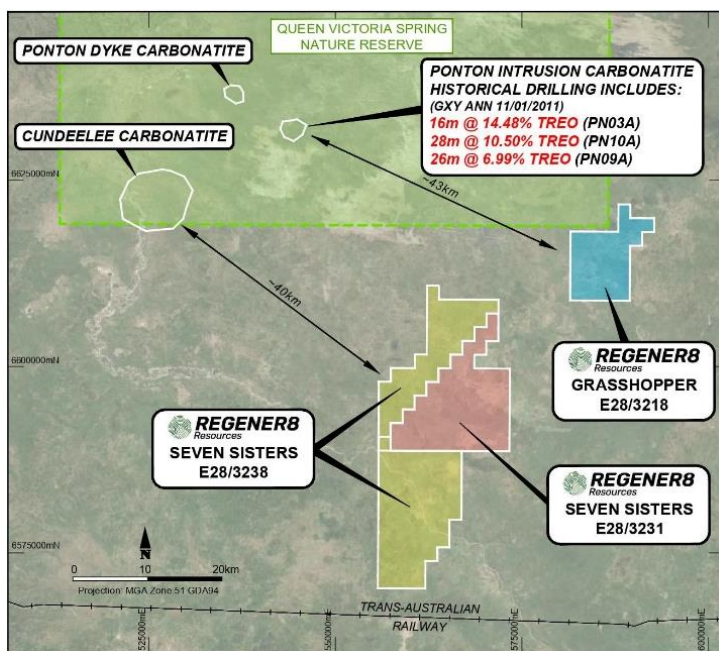


Figure A:
East Ponton Future Metals Project map

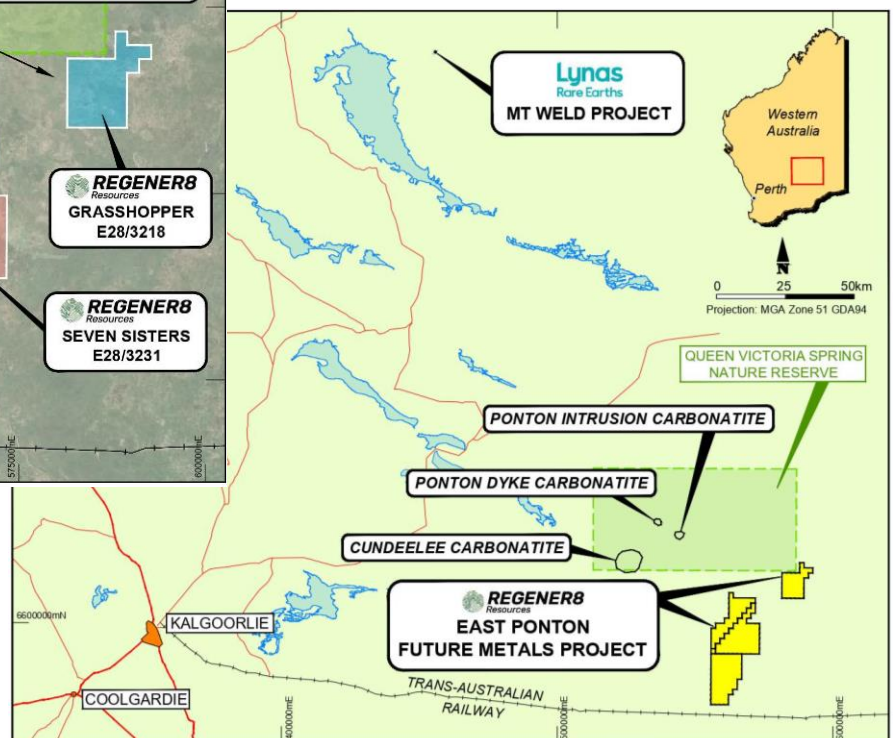


Figure B: East Ponton Future Metals Project locality map